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EDITORS:

V. NUSSENZWEIG

M.W. TURNER

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Scope of the Journal

The JOURNAL OF IMMUNOLOGICAL METHODS is devoted to covering techniques for: (1) quantitating and detecting antibodies and/or antigens and haptens based on antigen-antibody interactions; (2) fractionating and purifying immunoglobulins, lymphokines and other molecules of the immune system; (3) isolating antigens and other substances important in immunological processes; (4) labelling antigens and antibodies with radioactive and other markers; (5) localizing antigens and/or antibodies in tissues and cells, in vivo or in vitro; (6) detecting, enumerating and fractionating immunocompetent cells; (7) assaying for cellular immunity; (8) detecting cell-surface antigens by cell-cell interactions; (9) initiating immunity and unresponsiveness; (10) transplanting tissues; (11) studying items closely related to immunity such as complement, reticuloendothelial system and others. In addition the journal will publish articles on novel methods for analysing the organisation, structure and expression of genes for immunologically important molecules such as immunoglobulins, T cell receptors and accessory molecules involved in antigen recognition, processing and presentation. Articles on the molecular biological analysis of immunologically relevant receptor binding sites are also invited. Submitted manuscripts should describe new methods of broad applicability to immunology and not simply the application of an established method to a particular substance.

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Modeling; Average molecular weight (Shiau, L.-D. (178) 267)

Antigen-antibody interaction
Cyclosporin; Cyclophilin; Fab; Affinity; BIAcore; *cis-trans* isomerisation (Zeder-Lutz, G. (183) 131)

Real time biospecific interaction analysis; CD4; gp120; IOT4a; Thermodynamic parameter (Velge-Roussel, F. (183) 141)

Antigenic determinant
Thymosin β_4; Epitope mapping; Thymus peptide (Becker, S. (177) 131)

Antigenic modulation
Macrophage; Monoclonal antibody; Drug targeting; (Human) (Audran, R. (188) 147)

Antigen identification
Cytotoxic T lymphocyte; Cytotoxicity assay (Toye, P. (187) 95)

Antigen presentation
In vitro primary immunization; African horse sickness virus; Cytokine; Virology (Halabi, G. (186) 205)

Antigen presenting cell
T cell clone; Mutant; Major histocompatibility complex class II molecule (Koarada, S. (182) 209)

Measles virus; CD46; Hemagglutinin; Quantification; Mouse T cell hybridoma; Virology (Trescol-Biémont, M.-C. (187) 253)

Anti-HBsAg detection
Alkaline phosphatase; Immunoassay; Recombinant tracer; Colorimetric antibody (Carrier, A. (181) 177)

Anti-human ferritin antibody
IgG; Pd(II) coproporphyrin I *N*-hydroxysuccinimide ester; Metalloporphyrin-antibody conjugate; Antibody modification (Martsev, S.P. (186) 293)

Anti-idiotypic antibody
Serum estradiol; Non-competitive immunoassay; Colorimetry (Mares, A. (181) 83)

Monoclonal antibody; Biospecific interaction analysis; Surface plasmon resonance; Placental alkaline phosphatase; Oncofetal antigen (Ullén, A. (183) 155)

Anti-IgA
IgA deficiency; Enzyme immunoassay (Koskinen, S. (179) 51)

Anti-IgE
Monoclonal antibody; Recombinant humanized anti-human IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Anti-IgE hybridoma
IgE; Monoclonal antibody; Specificity of anti-IgE (Haba, S. (183) 199)

Anti-inflammatory agent
Leukocyte adhesion; Endothelial cell; ELISA (Krakauer, T. (177) 207)

Anti-lipopolysaccharide antibody
Dot blot; Chemiluminescence (Ben-Anat Porat, Y. (180) 213)

Anti-MAGE-4 antibody
ELISA; MAGE-4 protein; Human tumor; Specific immunotherapy (Shichijo, S. (186) 137)

Anti-neutrophil cytoplasmic antibody
Chromatography, reverse-phase high performance liquid; Proteinase 3; ELISA; Vasculitis (Gaskin, G. (180) 25)

Granulocyte-specific antinuclear antibody; Myeloperoxidase; Immunofluorescence; ELISA; Spot blot (Bang la Cour, B. (187) 287)

Anti-nRNP antibody
ELISA, antigen capture; Anti-Su antibody; Antinuclear antibody; Pristane (Satoh, M. (182) 51)

Antinuclear antibody
ELISA, antigen capture; Anti-Su antibody; Anti-nRNP antibody; Pristane (Satoh, M. (182) 51)

Anti-p84 antibody
ABO blood typing; Semen; Immunoprecipitation (Sato, I. (188) 229)

Anti-peptide antibody
Cyclophilin; Cyclosporin A; ELISA (Allain, F. (178) 113)

Antiphospholipid antibody
Cardiolipin; ELISA; Flow cytometry; Phosphatidylserine (Obringer, A.R. (185) 81)

Anti-platelet antibody
Immune thrombocytopenia; Biotin-avidin immobilization; Platelet glycoprotein (Cordiano, I. (178) 121)

Fluorescence resonance energy transfer (Koksch, M. (187) 53)

Antiribosomal antibody
ELISA; Multiple antigen peptide; P protein (Caponi, L. (179) 193)

Antiserum to fatty acids
Immunogold labeling (Compère, P. (181) 201)

Anti-Su antibody
ELISA, antigen capture; Anti-nRNP antibody; Antinuclear antibody; Pristane (Satoh, M. (182) 51)

Anti-Tac(Fv)
Fv, disulfide-stabilized; M13 (Brinkmann, U. (182) 41)

Anti-Thomsen-Friedenreich (T) antibody
ELISA; Thomsen-Friedenreich (T) antigen; Breast carcinoma detection with anti-T IgM ELISA (Desai, P.R. (188) 175)

Aortic dissection
Smooth muscle myosin heavy chain; Monoclonal antibody; ELISA, sandwich (Katoh, H. (185) 57)

Apolipoprotein
Serum amyloid A protein; Amyloidosis; Acute-phase reaction; High density lipoprotein (Malle, E. (182) 131)

Apoptosis
Bioassay; Tumor necrosis factor; Lymphotoxin; DNA fragmentation (Higuchi, M. (178) 173)

Bcl-2; Transient transfection (Memon, S.A. (180) 15)

Flow cytometry; Terminal transferase (Dolzhanskiy, A. (180) 131)

Lymphocyte; DNA nick detection; Flow cytometry (Zhang, L. (181) 17)

Annexin-V; Flow cytometry; Phosphatidylserine (Vermes, I. (184) 39)

YOPRO-1; Cytofluorimetry; Fluorescent microscopy (Idziorek, T. (185) 249)

Flow cytometry; Cell cycle; Paraformaldehyde; Propidium iodide (Douglas, R.S. (188) 219)

L-Arginine
Oxyhemoglobin; Methemoglobin; Nitric oxide; Human polymorphonuclear neutrophil leukocyte (Lärfars, G. (184) 53)

Assay
Whole blood; Cytokine; IFN-γ (Petrovsky, N. (186) 37)

HL60; Proliferation; Differentiation; Myeloid leukemia; MTT; Respiratory burst (Trayner, I.D. (186) 275)

Assay sensitivity
Radioimmunoassay; Ethynylestradiol; Monoclonal antibody (Agasan, A.L. (177) 251)

Asthma
Immunoenzymetric assay; Monoclonal antibody; Secretory IgA (Stokes Peebles, Jr., R. (179) 77)

Astrocyte
Glutamine synthetase; Cerebrospinal fluid; Enzyme immunoassay; Enzyme activity; Electrophoresis (Tumani, H. (188) 155)

Asymptomatic HIV
Whole blood lymphocyte source; Mitogen proliferation; Phenotype correlation (Bocchieri, M.H. (181) 233)

Atomic absorption spectroscopy
Non-radioactive labeling; Cytotoxicity assay; Natural killer cell; Chromium cell toxicity; Mitochondrial membrane potential (Borella, P. (186) 101)

Autoantibody
Radioimmunoassay; Insulin-dependent diabetes mellitus; Glutamic acid decarboxylase; In vitro translation; Proinsulin converting enzyme-2 (Falorni, A. (186) 89)

Polyvinylidene difluoride membrane; Solid support; ELISPOT assay; Antibody secreting cell; Natural antibody (Schielen, P. (188) 33)

Autoimmune hepatitis
Liver cytosol antibody type 1; Liver/kidney microsomal antibody type 1; Hepatitis C virus; Unclassified hepatitis (Muratori, L. (187) 259)

Automated processing
Agglutination; Immunocapture; IgG, IgM, IgA, and IgE specific isotypes (Aubert, D. (186) 323)

Auto-reactive antibody
Collagen; Primary immune response; Secondary immune response; Relative affinity (Karlsson, R. (188) 63)

Average molecular weight
Modeling; Antigen-antibody complex (Shiau, L.-D. (178) 267)

Avidin
Immune complexes; Determination of antigens; DNA; Dot blotting; Systemic lupus erythematosus (Nezlin, R. (184) 273)

Avidin-biotin
Reverse passive hemagglutination; Potato virus X; Fixation method; IgY-type antibody, chicken; Virology (Großmann, A. (179) 243)

B

Backscatter electron imaging
Airborne house dust; Immunolabeling; Cat allergen; Transmission electron microscopy; X ray microanalysis (Ormstad, H. (187) 245)

Bacterial immunoglobulin-binding protein
Single chain Fv antibody; V_L domain (Åkerström, B. (177) 151)

Baculovirus recombinant
Single-chain antibody; Glycosylation; Tumor-associated glycoprotein-72; Mucin (Bei, R. (186) 245)

Basophil
IgE; IgG; Membrane (Dreskin, S.C. (179) 87)

Mast cell; Cell separation; Flow cytometry (Willheim, M. (182) 115)

Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

B9 assay
Interference; Lipopolysaccharide; IL-6 (Pedersen, M.R. (180) 159)

Bcl-2
Apoptosis; Transient transfection (Memon, S.A. (180) 15)

Bead
Nitrocellulose; Particle; Immunization; Immunoprecipitation (Steinitz, M. (187) 171)

Bee venom
Phospholipase A_2; Monoclonal antibody; Epitope mapping (Myatt, E.A. (177) 35)

BIAcore
Monoclonal antibody; Insulin; Real time biospecific interaction analysis (Allauzen, S. (183) 27)

Histidine; Nickel; Metal chelate; Transition metal complex (Gershon, P.D. (183) 65)

HIV-1 vaccine; HIV-1 envelope glycoprotein; gp120/gp160; HIV-1 immune response; Oligomeric gp160 (VanCott, T.C. (183) 103)

Recombinant; Fragment; sFv; Fab; Diabody; Phage display; Carcinoembryonic antigen; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Cyclosporin; Cyclophilin; Fab; Affinity; *cis-trans* isomerisation; Antigen-antibody interaction (Zeder-Lutz, G. (183) 131)

Monoclonal antibody; Myoglobin; Immunoassay; Colloidal gold; Biosensor; Real time biospecific interaction analysis (Johne, B. (183) 167)

BIAcore technology
Monoclonal antibody; Prorenin; Immunoradiometric assay (Cohen, P. (184) 91)

Bifunctional antibody
Single chain Fv antibody; Expression in *Escherichia coli*; Chromatography, immobilized metal affinity; Streptavidin; Immunoconjugate; Biotin (Dübel, S. (178) 201)

Solid-phase synthesis; Immobilized pepsin; Bismaleimide; Antibody fragment (DeSilva, B.S. (188) 9)

Binding
Transglutaminase; Fibronectin; ELISA; Fibrinogen; IgG (Achyuthan, K.E. (180) 69)

Major histocompatibility complex class I; Glycopeptide (Abdel-Motal, U.M. (188) 21)

Binding isotherm
NK-MOLT4 effector-target system; NK-K562 effector-target system; Data-fitting technique (Garcia-Peñarrubia, P. (182) 235)

Bioassay
Tumor necrosis factor; Tumor necrosis factor receptor; Immunoassay; Biosensor; Monoclonal antibody (Corti, A. (177) 191)

Tumor necrosis factor; Cytotoxicity; Ethidium homodimer-1 (Lévesque, A. (178) 71)

Tumor necrosis factor; Lymphotoxin; Apoptosis; DNA fragmentation (Higuchi, M. (178) 173)

IL-13; Cytokine; IL-13 receptor; IL-4 (Labit-Le Bouteiller, C. (181) 29)

Tumor necrosis factor; Immunoassay; ELISA; Recombinant cytokine (De Kossodo, S. (182) 107)

Interferon; Cytokine; Reporter gene (Lewis, J.A. (185) 9)

Transforming growth factor β (Garrigue-Antar, L. (186) 267)

Cytokine; Cell line (Mire-Sluis, A.R. (187) 191)

Biomolecular interaction analysis
DNA binding protein; Phage display; Combinatorial libraries; Surface plasmon resonance; Zinc finger (Yang, W.-P. (183) 175)

Biopsy
Multiparameter flow cytometry; CD45; Bone marrow; Gating (Festin, R. (177) 215)

Biosensor
Tumor necrosis factor; Tumor necrosis factor receptor; Immunoassay; Bioassay; Monoclonal antibody (Corti, A. (177) 191)

Phage display; Kinetic selection; Recombinant antibody; Antibody library (Malmborg, A.-C. (183) 7)

Kinetic analysis; Low molecular weight analyte (Karlsson, R. (183) 43)

Kinetic determination; Resonant mirror biosensor; Saporin; Toxin; Affinity; Bispecific antibody (George, A.J.T. (183) 51)

Cytokine receptor; Thioredoxin; Fusion protein; Recognition; Epitope (Ruegg, N. (183) 95)

Monoclonal antibody; Myoglobin; Immunoassay; Colloidal gold; BIAcore; Real time biospecific interaction analysis (Johne, B. (183) 167)

Quartz crystal microbalance; Vibrio cholerae O139; Detection (Carter, R.M. (187) 121)

Biosensor technology
Tobacco mosaic virus; Virology; Epitope; Neotope; Metatope (Saunal, H. (183) 33)

Biospecific interaction analysis
Monoclonal antibody; Antiidiotypic antibody; Surface plasmon resonance; Placental alkaline phosphatase; Oncofetal antigen (Ullén, A. (183) 155)

Biosynthesis
Monoclonal antibody; Isolation and purification; Secretion; Flow cytometry; Microdrop (Gray, F. (182) 155)

Biotin
Single chain Fv antibody; Expression in *Escherichia coli*; Chromatography, immobilized metal affinity; Streptavidin; Immunoconjugate; Bifunctional antibody (Dübel, S. (178) 201)

Growth factor; Receptor; IL-2; Flow cytometry (De Jong, M.O. (184) 101)

Biotin-avidin immobilization
Immune thrombocytopenia; Anti-platelet antibody; Platelet glycoprotein (Cordiano, I. (178) 121)

Biotinylated C region primer
Universal cloning; Antibody gene; Polymerase chain reaction, one-side (Heinrichs, A. (178) 241)

Biotinylated protein G
ELISA; Dexamethasone; Equine urine; Alkaline phosphatase-labeled extravidin; GC/MS (Roberts, C.J. (181) 157)

Biotinylation
Enzyme immunoassay; Steroid; Monoclonal antibody; In vitro fertilization (Mares, A. (183) 211)

Bismaleimide
Bifunctional antibody; Solid-phase synthesis; Immobilized pepsin; Antibody fragment (DeSilva, B.S. (188) 9)

Bispecific antibody
Kinetic determination; Resonant mirror biosensor; Biosensor; Saporin; Toxin; Affinity (George, A.J.T. (183) 51)

Microelectrofusion; Quadroma; Hybrid-hybridoma (Cao, Y. (187) 1)

Blasticidin S
Hybridoma, human; Parental B cell line; Cell fusion (Kudo, T. (177) 17)

Blood-brain barrier
Brain; Blood vessel; Leukocyte; Adherence (Vora, A.J. (180) 165)

Blood donor
Three-color flow cytometry; Quantum simply cellular; Antibody binding capacity; Lymphocyte antigen (Lenkei, R. (183) 267)

Blood eosinophil
Formyl-methionyl-leucyl-phenylalanine; Percoll; Immunomagnetic bead; CD16; Platelet-activating factor; Priming (Blom, M. (178) 183)

Blood vessel
Brain; Leukocyte; Adherence; Blood-brain barrier (Vora, A.J. (180) 165)

Bluetongue virus
Monoclonal antibody; Affinity; ELISA; Quantitative (White, J.R. (177) 79)

Epitope mapping; Library; Phage surface display; DNase I digestion; Random expression (Wang, L.-F. (178) 1)

B lymphocyte
Intraepithelial lymphocyte; Lamina propria lymphocyte; Epithelial cell; Intestinal lymphocyte; Macrophage; Plasma cell; T lymphocyte (Ebert, E.C. (178) 219)

B lymphocytic cell line
T lymphocytic cell line; Flow cytometry; LDL receptor (Yen, C.F. (177) 55)

Bone marrow
Multiparameter flow cytometry; CD45; Biopsy; Gating (Festin, R. (177) 215)

Dendritic cell; GM-CSF; OX-62; (Rat) (Chen-Woan, M. (178) 157)

Borrelia burgdorferi
Diagnostic test; ELISA; Receiver operating characteristic; Two-graph receiver operating characteristic; Intermediate range; Cut-off function; Efficiency; Likelihood ratio; (Dog) (Greiner, M. (185) 123)

Botulinum neurotoxin type A
Therapeutic use; ELISA; Monoclonal antibody; $F(ab')_2$-HRP conjugate (Ekong, T.A.N. (180) 181)

Bovine haptoglobin
Competitive immunoassay; Time resolved fluorescence (McNair, J. (184) 199)

Bowman-Birk protease inhibitor
Monoclonal antibody; Bowman-Birk protease inhibitor reduction; Chemoprevention (Wan, X.S. (180) 117)

Bowman-Birk protease inhibitor reduction
Bowman-Birk protease inhibitor; Monoclonal antibody; Chemoprevention (Wan, X.S. (180) 117)

Brain
Blood vessel; Leukocyte; Adherence; Blood-brain barrier (Vora, A.J. (180) 165)

Brain endothelial cell
Saimiri; *Plasmodium falciparum*; Cytoadherence (Gay, F. (184) 15)

Brain-reactive autoantibody
ELISA; Systemic lupus erythematosus (Ochola, J. (185) 259)

Breast carcinoma detection with anti-T IgM ELISA
ELISA; Thomsen-Friedenreich (T) antigen; Anti-Thomsen-Friedenreich (T) antibody (Desai, P.R. (188) 175)

Bronchoalveolar lavage fluid
Annexin II; Radioimmunoassay; Cell extract; Pancreatic cancer (Davis, R.G. (188) 91)

C

C3a
Complement activation; Sepsis (Stöve, S. (182) 1)

C4-C3
Complement activation; Complement C4; Complement C3; Complement complex; ELISA (Zwirner, J. (186) 55)

C5
Chimeric Fab; Complement (Evans, M.J. (184) 123)

C5a receptor
Monoclonal antibody; Flow cytometry; Immunoblotting (Watanabe, H. (185) 19)

Calcein AM
Cell-cell adhesion; Lymphocyte; Keratinocyte; Fluorimetric microtitration assay (Braut-Boucher, F. (178) 41)

Calcium
Flow cytometry; Cytotoxicity; Lymphocyte; Conjugation (Brooks, B. (178) 229)

Calibration
Computer software; Confidence interval; ELISA; Inverse confidence interval; Logistic regression; Radioimmunoassay; Statistical analysis (Robison-Cox, J.F. (186) 79)

Calmodulin
Suppressor T cell; T cell receptor α chain; Fusion protein (Ishii, Y. (186) 27)

Campath-1H
Europium; Antibody-dependent cellular cytotoxicity; Time-resolved fluorometry (Patel, A.K. (184) 29)

Cancer cell separation
Epithelial cell; Peripheral blood; Enrichment factor (Griwatz, C. (183) 251)

Capillary electrophoresis
Quantitative polymerase chain reaction; Rat cytokine (Connolly, A.R. (187) 201)

Caprylic acid
Chicken egg yolk; Immunoglobulin extraction; α-Lactalbumin, ovine; Immunization (McLaren, R.D. (177) 175)

Capsular polysaccharide
Haemophilus influenzae type b; Polyribosylribitolphosphate; Monoclonal antibody; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Streptococcus suis; *Streptococcus agalactiae*; Gel electrophoresis; Immunoblot analysis; Cross-reactivity (Tikkanen, K. (187) 233)

Capsule
Monoclonal antibody; *Cryptococcus neoformans*; Polysaccharide; AIDS (Mukherjee, J. (184) 139)

Carbamazepine
Non-isotopic immunoassay; Therapeutic drug monitoring; Metal carbonyl tracer; Fourier transform infrared spectroscopy (Varenne, A. (186) 195)

Carbodiimide
Polyamine; Monoclonal antibody; ELISA; Covalent coupling; Glutaraldehyde (Delcros, J.-G. (185) 191)

Carboxyfluorescein diacetate
Flow cytometry; Neutrophil; Eosinophil; Adhesion (Davenpeck, K.L. (188) 79)

Carcinoembryonic antigen
Two-site immunoassay, sandwich type; Monoclonal antibody; Heterophilic antibody; Chimeric antibody, human/mouse (Kuroki, M. (180) 81)

Recombinant; Fragment; sFv; Fab; Diabody; Phage display; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

COS screening system; Monoclonal antibody (Grimm, T. (186) 305)

Cardiolipin
Antiphospholipid antibody; ELISA; Flow cytometry; Phosphatidylserine (Obringer, A.R. (185) 81)

Carrier
Conjugation; Peptide conjugation; Protein activation (Houen, G. (181) 187)

Cassette
Vector; T cell; Locus control region; CD2; Transgenic mouse (Zhumabekov, T. (185) 133)

Cassette vector
T cell receptor; Transgenic mouse (Kouskoff, V. (180) 273)

Cat allergen
Airborne house dust; Immunolabeling; Backscatter electron imaging; Transmission electron microscopy; X ray microanalysis (Ormstad, H. (187) 245)

Cat pelt
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

CD antigen
Flow cytometry; Primate; Lymphocyte (Wilson, A.D. (178) 195)

CD2
Vector; Cassette; T cell; Locus control region; Transgenic mouse (Zhumabekov, T. (185) 133)

CD3
Signal transduction; CD28; Inositol phospholipid; α-Toxin; Phosphatidylinositol hydrolysis (Berney, S.M. (186) 71)

CD3 stimulation
Flow cytometry; Tyrosine phosphorylation; T cell subset; HIV infection (Vuillier, F. (185) 43)

CD4
Real time biospecific interaction analysis; Antigen-antibody interaction; gp120; IOT4a; Thermodynamic parameter (Velge-Roussel, F. (183) 141)

CD4 T lymphocyte
Lymphocyte immunophenotyping; Technology assessment; Absolute CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

CD8$^+$ T cell
ELISPOT; IFN-γ; Synthetic peptide; Recombinant vaccinia virus; Malaria (Miyahira, Y. (181) 45)

CD11b
L-Selectin; Adhesion molecule; Leukocyte; Adherence; Preparative method (Macey, M.G. (181) 211)

Flow cytometry; Neutrophil; Monocyte; Integrin (Repo, H. (185) 65)

CD11b/CD18
Monocyte; CD62L; Cell preparation; Flow cytometry (Lundahl, J. (180) 93)

CD16
Blood eosinophil; Formyl-methionyl-leucyl-phenylalanine; Percoll; Immunomagnetic bead; Platelet-activating factor; Priming (Blom, M. (178) 183)

Glycosyl phosphatidylinositol anchor; Reconstitution; Endocytosis (Nagarajan, S. (184) 241)

CD28
Signal transduction; CD3; Inositol phospholipid; α-Toxin; Phosphatidylinositol hydrolysis (Berney, S.M. (186) 71)

CD34
Myeloid cell; Signalling competent; Umbilical cord blood; Cell sorting (Roberts, G.M. (179) 187)

CD40
gp39; Fusion protein; Protease cleavage (Hollenbaugh, D. (188) 1)

CD44
Neutrophil; Leukocyte integrin; Selectin; Sialyl Lewis^x (Youssef, P.P. (186) 217)

CD45
Protein tyrosine phosphatase assay; Malachite green phosphate assay (Ng, D.H.W. (179) 177)

Multiparameter flow cytometry; Bone marrow; Biopsy; Gating (Festin, R. (177) 215)

CD46
Measles virus; Hemagglutinin; Quantification; Antigen presenting cell; Mouse T cell hybridoma; Virology (Trescol-Biémont, M.-C. (187) 253)

CD59
Complement; (Pig) (Van den Berg, C.W. (179) 223)

CD62L
Monocyte; CD11b/CD18; Cell preparation; Flow cytometry (Lundahl, J. (180) 93)

Cell adhesion assay
Fibronectin; Laminin; Melanoma; HUVEC; Endothelial (Goodwin, A.E. (187) 213)

Cell-cell adhesion
Lymphocyte; Keratinocyte; Fluorimetric microtitration assay; Calcein AM (Braut-Boucher, F. (178) 41)

Cell culture methodology
Lymphocyte proliferation optimization; Corticosteroid; Phytohemagglutinin; Concanavalin A; Whole blood lymphocyte (Fasanmade, A.A. (184) 163)

Cell cycle
Flow cytometry; Apoptosis; Paraformaldehyde; Propidium iodide (Douglas, R.S. (188) 219)

Cell extract
Annexin II; Radioimmunoassay; Bronchoalveolar lavage fluid; Pancreatic cancer (Davis, R.G. (188) 91)

Cell fixation and permeabilization
HIV-1 Rev; HIV-1 Tat; Flow cytometry; Intracellular antigen (Rigg, R.J. (188) 187)

Cell fusion
Hybridoma, human; Blasticidin S; Parental B cell line (Kudo, T. (177) 17)

Hybridoma; Myeloma; T lymphoma (Radomska, H.S. (188) 209)

Cell kinetics
DNA/RNA quantitation; 7-Amino-actinomycin D; Pyronin Y; Saponin; Flow cytometry (Toba, K. (182) 193)

Cell line
Cytokine; Bioassay (Mire-Sluis, A.R. (187) 191)

Cell-mediated cytotoxicity
4-Methylumbelliferyl heptanoate; Fluorimetric assay; Lymphokine-activated killer cell; Tumor cell line (Virág, L. (185) 199)

Cell-mediated lympholysis
Natural killer cell; Lymphokine-activated killer; Cytotoxicity; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Cell panning
Lactate dehydrogenase; Class I MHC; H-2; Peptide binding; Surface antigen; Enzyme immunoassay (Sigal, L.J. (177) 261)

Cell preparation
Monocyte; CD11b/CD18; CD62L; Flow cytometry (Lundahl, J. (180) 93)

Cell proliferation
ELISA; Ki-67 protein; MIB 1 (Key, G. (177) 113)

Cell separation
Basophil; Mast cell; Flow cytometry (Willheim, M. (182) 115)

Antibody-coated bead; Dynabead; Dense polystyrene bead; Density perturbation; Isopycnic density centrifugation; OptiPrep (Patel, D. (184) 71)

Cell sorting
Myeloid cell; CD34; Signalling competent; Umbilical cord blood (Roberts, G.M. (179) 187)

Cellular activation
Nycodenz; Dendritic cell; CMRF-44 (McLellan, A.D. (184) 81)

Cerebrospinal fluid
Astrocyte; Glutamine synthetase; Enzyme immunoassay; Enzyme activity; Electrophoresis (Tumani, H. (188) 155)

β Chain
T cell receptor; In vitro translation; In vitro transcription; Isoelectric focusing; Repertoire analysis; (Human) (Bouffard, P. (187) 9)

β Chain CDR3
T cell receptor; Intrafamily fragment analysis (Liu, D. (187) 139)

Chancroid
Endotoxin, detection of; Lipooligosaccharide; *Haemophilus ducreyi* (Hansen, E.J. (185) 225)

Chelate
Cytokine; Radiolabeling (Litzinger, D.C. (187) 151)

Chemiluminescence
Dot blot; Anti-lipopolysaccharide antibody (Ben-Anat Porat, Y. (180) 213)

Des-Arg^9-bradykinin; Enzyme immunoassay; Digoxigenin; Angiotensin converting enzyme inhibitor (Raymond, P. (180) 247)

Chemokine
Chemotaxis; T cell; Extracellular matrix (Taub, D.D. (184) 187)

Chemoprevention
Bowman-Birk protease inhibitor; Monoclonal antibody; Bowman-Birk protease inhibitor reduction (Wan, X.S. (180) 117)

Chemotaxis
Neutrophil; Random motility; Fibrin gel; IL-8 (Moghe, P.V. (180) 193)

Chemokine; T cell; Extracellular matrix (Taub, D.D. (184) 187)

T lymphocyte; Transendothelial (Roth, S.J. (188) 97)

Chicken egg yolk
Immunoglobulin extraction; Caprylic acid; α-Lactalbumin, ovine; Immunization (McLaren, R.D. (177) 175)

Chimeric antibody, human / mouse
Two-site immunoassay, sandwich type; Monoclonal antibody; Heterophilic antibody; Carcinoembryonic antigen (Kuroki, M. (180) 81)

Chimeric Fab
Complement; C5 (Evans, M.J. (184) 123)

Chimeric peptide
Recombinant peptide; Expression vector; B-T cell cooperation; Subunit vaccine (De Smet, K.A.L. (177) 243)

Chinese hamster ovary cell
Plasma membrane vesicle; Glycophorin (Donnell, M.E. (187) 111)

Chloramphenicol acetyltransferase assay
Lipopolysaccharide blast; Transient transfection (McMahon, S.B. (179) 251)

Cholera toxin
Liposome; Thioether bond; Mucosal immunization; Peyer's patch; M cell (Harokopakis, E. (185) 31)

Cholesterol
Immunostaining; ELISA; Chromatography, thin layer; Antibody; Anti-cholesterol (Aniagolu, J. (182) 85)

Chromatography, affinity
IgE, human; Purification; Chromatography, ion exchange; Monoclonal antibody, murine (Kleine-Tebbe, J. (179) 153)

IgG; Immunoglobulin binding; Protein A (Bottomley, S.P. (182) 185)

ELISA; Monoclonal antibody; Recombinant protein; Thioredoxin; Immunoblot analysis (Dickason, R.R. (185) 237)

Chromatography, immobilized metal affinity
Single chain Fv antibody; Expression in *Escherichia coli*; Streptavidin; Immunoconjugate; Biotin; Bifunctional antibody (Dübel, S. (178) 201)

Chromatography, ion exchange
IgE, human; Purification; Chromatography, affinity; Monoclonal antibody, murine (Kleine-Tebbe, J. (179) 153)

Chromatography, metal chelate
Phage derived single chain Fv; Tumor targeting (Casey, J.L. (179) 105)

Chromatography, reverse-phase high performance liquid
Anti-neutrophil cytoplasmic antibody; Proteinase 3; ELISA; Vasculitis (Gaskin, G. (180) 25)

Chromatography, thin layer
Immunostaining; Cholesterol; ELISA; Antibody; Anti-cholesterol (Aniagolu, J. (182) 85)

Chromium cell toxicity
Non-radioactive labeling; Atomic absorption spectroscopy; Cytotoxicity assay; Natural killer cell; Mitochondrial membrane potential (Borella, P. (186) 101)

Chronic granulomatous disease
Phagocyte; Reactive oxygen species (Vowells, S.J. (178) 89)

Flow cytometry; Granulocyte; Anticoagulant; Specimen age (Prince, H.E. (188) 129)

Circularization
Reverse transcription; Polymerase chain reaction, inverse; δ T cell receptor (Chowers, Y. (179) 261)

***cis-trans* isomerisation**
Cyclosporin; Cyclophilin; Fab; Affinity; BIAcore; Antigen-antibody interaction (Zeder-Lutz, G. (183) 131)

Class I MHC
Lactate dehydrogenase; H-2; Peptide binding; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Cloning
Monoclonal antibody; Hybridoma; Limiting dilution (Wewetzer, K. (179) 71)

CMRF-44
Nycodenz; Dendritic cell; Cellular activation (McLellan, A.D. (184) 81)

Coiled coil
Surface plasmon resonance; IL-2 receptor; Cytokine receptor; Leucine zipper (Wu, Z. (183) 127)

Collagen
Auto-reactive antibody; Primary immune response; Secondary immune response; Relative affinity (Karlsson, R. (188) 63)

Collagen gel
Granuloma; Monocyte; HLA-DR; Complement activation (Franklin, G.F. (186) 285)

Colloidal gold
Monoclonal antibody; Myoglobin; Immunoassay; Biosensor; BIAcore; Real time biospecific interaction analysis (Johne, B. (183) 167)

Colony stimulating factor-1
Macrophage colony stimulating factor; Standardization (Mire-Sluis, A.R. (179) 141)

Colorimetric antibody
Alkaline phosphatase; Immunoassay; Recombinant tracer; Anti-HBsAg detection (Carrier, A. (181) 177)

Colorimetric assay
MTS; MTT; Tetrazolium; Cytokine assay; Sensitivity (Gieni, R.S. (187) 85)

Colorimetry
Serum estradiol; Non-competitive immunoassay; Anti-idiotypic antibody (Mares, A. (181) 83)

Combinatorial libraries
Biomolecular interaction analysis; DNA binding protein; Phage display; Surface plasmon resonance; Zinc finger (Yang, W.-P. (183) 175)

Combinatorial library
Selectide; Peptide; Screening; Substrate; (Color) (Lam, K.S. (180) 219)

Competitive immunoassay
Bovine haptoglobin; Time resolved fluorescence (McNair, J. (184) 199)

Competitor control fragment
Cytokine, rat; Polymerase chain reaction; Gene expression Siegling, A. (177) 23)

Complement
CD59; (Pig) (Van den Berg, C.W. (179) 223)

Chimeric Fab; C5 (Evans, M.J. (184) 123)

Complement activation
C3a; Sepsis (Stöve, S. (182) 1)

Complement C4; Complement C3; Complement complex; ELISA; C4-C3 (Zwirner, J. (186) 55)

Granuloma; Monocyte; Collagen gel; HLA-DR (Franklin, G.F. (186) 285)

Complement C3
Complement activation; Complement C4; Complement complex; ELISA; C4-C3 (Zwirner, J. (186) 55)

Complement C4
Complement activation; Complement C3; Complement complex; ELISA; C4-C3 (Zwirner, J. (186) 55)

Complement C5a
Monoclonal antibody; Mammalian expression vector (Ames, R.S. (184) 177)

Complement complex
Complement activation; Complement C4; Complement C3; ELISA; C4-C3 (Zwirner, J. (186) 55)

Complement receptor 1
Decay accelerating factor; Erythrocyte; Immune complex (Jones, D.R.E. (177) 235)

Complex formation rate constant
ELISA; Radioimmunoassay; Equilibrium association constant; Dissociation constant; Macromolecular interaction (Fuchs, H. (188) 197)

Computer software
Calibration; Confidence interval; ELISA; Inverse confidence interval; Logistic regression; Radioimmunoassay; Statistical analysis (Robison-Cox, J.F. (186) 79)

Concanavalin A
Lymphocyte proliferation optimization; Corticosteroid; Phytohemagglutinin; Whole blood lymphocyte; Cell culture methodology (Fasanmade, A.A. (184) 163)

Confidence interval
Calibration; Computer software; ELISA; Inverse confidence interval; Logistic regression; Radioimmunoassay; Statistical analysis (Robison-Cox, J.F. (186) 79)

Conglutinin
Immune complex; Difference plot; Ratio plot; Rheumatoid arthritis; Systemic lupus erythematosus (Svendsen, A. (178) 211)

Conjugation
Flow cytometry; Cytotoxicity; Lymphocyte; Calcium (Brooks, B. (178) 229)

Peptide conjugation; Protein activation; Carrier (Houen, G. (181) 187)

Corticosteroid
Lymphocyte proliferation optimization; Phytohemagglutinin; Concanavalin A; Whole blood lymphocyte; Cell culture methodology (Fasanmade, A.A. (184) 163)

COS screening system
Carcinoembryonic antigen; Monoclonal antibody (Grimm, T. (186) 305)

Covalence
Peptide; ELISA; Functionalized polystyrene (Niveleau, A. (182) 227)

Covalent
ELISA; Peptide; Hydrophilic surface; Immobilization; Dextran; Surface modification; Microtiter plate (Gregorius, K. (181) 65)

Covalent coupling
Polyamine; Monoclonal antibody; ELISA; Glutaraldehyde; Carbodiimide (Delcros, J.-G. (185) 191)

Cross-linking
Stabilization; Adsorption; (Antibody) (Ron, E. (180) 237)

Cross-reactivity
Immunoassay; Logistic model (Jones, G. (177) 1)

Streptococcus suis; *Streptococcus agalactiae*; Capsular polysaccharide; Gel electrophoresis; Immunoblot analysis (Tikkanen, K. (187) 233)

Cryopreservation
Thymic nurse cell; Acute isolation; Patch clamp; Animal conservation; (Adult rat) (Downing, J.E.G. (187) 103)

Cryptococcus neoformans
Monoclonal antibody; Capsule; Polysaccharide; AIDS (Mukherjee, J. (184) 139)

CT4S
IL-4; IL-12; IL-4 bioassay (Xu, H. (181) 245)

Current counterflow centrifugation
Magnetic cell sorting (Willheim, M. (182) 115)

Cut-off function
Diagnostic test; ELISA; Receiver operating characteristic; Two-graph receiver operating characteristic; Intermediate range; Efficiency; Likelihood ratio; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Cyclophilin
Cyclosporin A; ELISA; Anti-peptide antibody (Allain, F. (178) 113)

Cyclosporin; Fab; Affinity; BIAcore; *cis-trans* isomerisation; Antigen-antibody interaction (Zeder-Lutz, G. (183) 131)

Cyclophosphamide tolerization
Influenza; Monoclonal antibody; Affinity; Diagnostics; Fluoroimmunoassay (Varečková, E. (180) 107)

Cyclosporin
Cyclophilin; Fab; Affinity; BIAcore; *cis-trans* isomerisation; Antigen-antibody interaction (Zeder-Lutz, G. (183) 131)

Cyclosporin A
Cyclophilin; ELISA; Anti-peptide antibody (Allain, F. (178) 113)

Epstein-Barr virus-specific cytotoxic T lymphocyte (Okano, M. (184) 149)

Cystatin
Cysteine proteinase; Kininogen; Immunoassay; *Trypanosoma cruzi*; *Leishmania* (Scharfstein, J. (182) 63)

Cysteine proteinase
Cystatin; Kininogen; Immunoassay; *Trypanosoma cruzi*; *Leishmania* (Scharfstein, J. (182) 63)

Cytoadherence
Saimiri; *Plasmodium falciparum*; Brain endothelial cell (Gay, F. (184) 15)

Cytochalasin B
Monoclonal antibody; Ouabain; Heterohybridoma; (Human) (Yoshinari, K. (186) 17)

Cytofluorimetry
Apoptosis; YOPRO-1; Fluorescent microscopy (Idziorek, T. (185) 249)

Cytokine
In vitro immunization; IL-10; Monoclonal antibody, neutralizing (Guzman, J. (179) 265)

IL-13; Bioassay; IL-13 receptor; IL-4 (Labit-Le Bouteiller, C. (181) 29)

Quantitative reverse transcriptase polymerase chain reaction; *Trypanosoma cruzi*; Synthetic gene (Benavides, G.R. (181) 145)

Growth factor; In vitro; Tissue culture (Olivas, E. (182) 73)

Transforming growth factor β; ELISA, sandwich (Szymkowiak, C.H. (184) 263)

Interferon; Bioassay; Reporter gene (Lewis, J.A. (185) 9)

In situ detection; Immunohistochemistry; In situ hybridization; (Human) (Hoefakker, S. (185) 149)

Whole blood; Assay; IFN-γ (Petrovsky, N. (186) 37)

Immunoassay; Standardization (Mire-Sluis, A.R. (186) 157)

ELISA; Standardization; Synovial fluid; Plasma; Monocyte (Ledur, A. (186) 171)

In vitro primary immunization; African horse sickness virus; Antigen presentation; Virology (Halabi, G. (186) 205)

Radiolabeling; Chelate (Litzinger, D.C. (187) 151)

Bioassay; Cell line (Mire-Sluis, A.R. (187) 191)

Polymerase chain reaction; Quantitative polymerase chain reaction; Enzyme immunoassay; Digoxigenin; T cell (Hockett Jr., R.D. (187) 273)

Flow cytometry; Monensin; Intracellular immunofluorescence; T cell; Th_1 cell; Th_2 cell; IL-5 (Prussin, C. (188) 117)

Cytokine assay
MTS; MTT; Tetrazolium; Colorimetric assay; Sensitivity (Gieni, R.S. (187) 85)

Cytokine immunotrapping
IFN-γ; Degradation/consumption (Akdiş, A.C. (182) 251)

Cytokine, rat
Polymerase chain reaction; Gene expression; Competitor control fragment Siegling, A. (177) 23)

Cytokine receptor
Thioredoxin; Fusion protein; Biosensor; Recognition; Epitope (Ruegg, N. (183) 95)

Surface plasmon resonance; IL-2 receptor; Coiled coil; Leucine zipper (Wu, Z. (183) 127)

Cytotoxicity
Natural killer cell; Lymphokine-activated killer; Cell-mediated lympholysis; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Kinetics; Cytotoxic T lymphocyte; Natural killer cell; Flow cytometry (Karawajew, L. (177) 119)

Tumor necrosis factor; Bioassay; Ethidium homodimer-1 (Lévesque, A. (178) 71)

Flow cytometry; Lymphocyte; Conjugation; Calcium (Brooks, B. (178) 229)

Cytotoxicity assay
Greater omentum; Milky spot; Macrophage; Isolation method; Flow cytometry; Tumoricidal (Krist, L.F.G. (184) 253)

Non-radioactive labeling; Atomic absorption spectroscopy; Natural killer cell; Chromium cell toxicity; Mitochondrial membrane potential (Borella, P. (186) 101)

Cytotoxic T lymphocyte; Antigen identification (Toye, P. (187) 95)

Cytotoxicity test
Antibody-dependent cellular cytotoxicity; Monoclonal antibody (Flieger, D. (180) 1)

Cytotoxic T cell
Monopalmitic lipopeptide; Spacer amino acid (Verheul, A.F.M. (182) 219)

Cytotoxic T lymphocyte
Cytotoxicity; Kinetics; Natural killer cell; Flow cytometry (Karawajew, L. (177) 119)

Cytotoxicity assay; Antigen identification (Toye, P. (187) 95)

D

D275
Flow cytometry; Natural killer activity; 3,3′-dioctadecyloxacarbocyanine perchlorate; Glycosaminoglycans (Johann, S. (185) 209)

Data-fitting technique
Binding isotherm; NK-MOLT4 effector-target system; NK-K562 effector-target system (Garcia-Peñarrubia, P. (182) 235)

Decay accelerating factor
Complement receptor 1; Erythrocyte; Immune complex (Jones, D.R.E. (177) 235)

Defensin
Phagocytosis; Granule (Liu, L. (181) 253)

Degradation / consumption
Cytokine immunotrapping; IFN-γ (Akdiş, A.C. (182) 251)

Dendritic cell
Bone marrow; GM-CSF; OX-62; (Rat) (Chen-Woan, M. (178) 157)

Monoclonal antibody; Neonatal tolerance; Selective antibody response (Yamaguchi, Y. (181) 115)

Nycodenz; Cellular activation; CMRF-44 (McLellan, A.D. (184) 81)

Dense polystyrene bead
Cell separation; Antibody-coated bead; Dynabead; Density perturbation; Isopycnic density centrifugation; OptiPrep (Patel, D. (184) 71)

Density gradient separation
Lymphocyte subset; Flow cytometry; Erythrocyte lysis; Monoclonal antibody; (Rat) (Pelegrí, C. (187) 265)

Density perturbation
Cell separation; Antibody-coated bead; Dynabead; Dense polystyrene bead; Isopycnic density centrifugation; OptiPrep (Patel, D. (184) 71)

Des-Arg^9-bradykinin
Chemiluminescence; Enzyme immunoassay; Digoxigenin; Angiotensin converting enzyme inhibitor (Raymond, P. (180) 247)

Descemet membrane
Type VIII collagen; Type X collagen; Synthetic peptide; Polyclonal antibody; Enzyme immunoassay (Korsching, E. (188) 51)

Destaining
Tsetse fly; Trypanosomiasis; dot-ELISA; Hydrogen peroxide (Bosompem, K.M. (187) 23)

Detection
Quartz crystal microbalance; Vibrio cholerae O139; Biosensor (Carter, R.M. (187) 121)

Determination of antigens
Immune complexes; Avidin; DNA; Dot blotting; Systemic lupus erythematosus (Nezlin, R. (184) 273)

Dexamethasone
ELISA; Equine urine; Biotinylated protein G; Alkaline phosphatase-labeled extravidin; GC/MS (Roberts, C.J. (181) 157)

Dextran
ELISA; Peptide; Hydrophilic surface; Immobilization; Surface modification; Covalent; Microtiter plate (Gregorius, K. (181) 65)

Diabetes
Islet infiltrating cell; FACS analysis (Faveeuw, C. (187) 163)

Diabody
Recombinant; Fragment; sFv; Fab; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Diagnostics
hIL-6; IgG; IgY; (Sheep); (Chicken) (Woolley, J.A. (178) 253)

Influenza; Cyclophosphamide tolerization; Monoclonal antibody; Affinity; Fluoroimmunoassay (Varečková, E. (180) 107)

Diagnostic test
ELISA; Receiver operating characteristic; Two-graph receiver operating characteristic; Intermediate range; Cut-off function; Efficiency; Likelihood ratio; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Dialysis culture
Monoclonal antibody production; Eccentric rotation; Gas supply; Tumbling chamber (Jaspert, R. (178) 77)

Difference plot
Conglutinin; Immune complex; Ratio plot; Rheumatoid arthritis; Systemic lupus erythematosus (Svendsen, A. (178) 211)

Differentiation
HL60; Proliferation; Assay; Myeloid leukemia; MTT; Respiratory burst (Trayner, I.D. (186) 275)

Diffusion chamber
Natural killer cell; Alloreactivity, natural killer cell; IL-2; Peritoneal exudate cell; Major histocompatibility complex (Løvik, G. (179) 59)

Digestion
IgG, mouse; Protease; Fragmentation; Subclass; Hinge region (Yamaguchi, Y. (181) 259)

Digoxigenin
Des-Arg^9-bradykinin; Chemiluminescence; Enzyme immunoassay; Angiotensin converting enzyme inhibitor (Raymond, P. (180) 247)

Polymerase chain reaction; Quantitative polymerase chain reaction; Cytokine; Enzyme immunoassay; T cell (Hockett Jr., R.D. (187) 273)

β-Diketone
Multiple labelling; Time-resolved fluoroimmunoassay (Ci, Y.-X. (179) 233)

3,3′-dioctadecyloxacarbocyanine perchlorate
Flow cytometry; Natural killer activity; D275; Glycosaminoglycans (Johann, S. (185) 209)

Diphtheria toxin A chain
Immunotoxin; Ricin A chain; (Antibody) (Dhanabal, M. (182) 165)

Direct enzyme immunoassay
Folic acid; Microbiological assay; Folic acid-free serum (Das Sarma, J. (184) 7)

Directional cloning
T4 DNA polymerase; Exonuclease recession; Single site subcloning (Yang, Y.-S. (181) 137)

Dissociation constant
ELISA; Radioimmunoassay; Equilibrium association constant; Complex formation rate constant; Macromolecular interaction (Fuchs, H. (188) 197)

DNA
Genetic analysis; HLA; Polymerase chain reaction (Fowke, K.R. (180) 45)

Immune complexes; Determination of antigens; Avidin; Dot blotting; Systemic lupus erythematosus (Nezlin, R. (184) 273)

DNA binding protein
Biomolecular interaction analysis; Phage display; Combinatorial libraries; Surface plasmon resonance; Zinc finger (Yang, W.-P. (183) 175)

DNA fragmentation
Bioassay; Tumor necrosis factor; Lymphotoxin; Apoptosis (Higuchi, M. (178) 173)

DNA nick detection
Apoptosis; Lymphocyte; Flow cytometry (Zhang, L. (181) 17)

DNA polymerase domain
Monoclonal antibody; Epitope; 5′-Nuclease domain; Surface plasmon resonance (Daiss, J.L. (183) 15)

DNA / RNA quantitation
Cell kinetics; 7-Amino-actinomycin D; Pyronin Y; Saponin; Flow cytometry (Toba, K. (182) 193)

DNase I digestion
Bluetongue virus; Epitope mapping; Library; Phage surface display; Random expression (Wang, L.-F. (178) 1)

D_2O
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; Allergy (Lowe, J. (184) 113)

Dot blot
Anti-lipopolysaccharide antibody; Chemiluminescence (Ben-Anat Porat, Y. (180) 213)

Dot-blot micromethod
Sequence-specific oligonucleotide; Polymerase chain reaction; HLA oligotyping (García-Pacheco, J.M. (180) 35)

Dot blotting
Immune complexes; Determination of antigens; Avidin; DNA; Systemic lupus erythematosus (Nezlin, R. (184) 273)

Drug targeting
Macrophage; Antigenic modulation; Monoclonal antibody; (Human) (Audran, R. (188) 147)

Dynabead
Cell separation; Antibody-coated bead; Dense polystyrene bead; Density perturbation; Isopycnic density centrifugation; OptiPrep (Patel, D. (184) 71)

Dynamic contact angle
Antibody denaturation; Scanning tunneling microscopy; Immunoassay (Davies, J. (186) 111)

E

Eccentric rotation
Monoclonal antibody production; Dialysis culture; Gas supply; Tumbling chamber (Jaspert, R. (178) 77)

Efficiency
Diagnostic test; ELISA; Receiver operating characteristic; Two-graph receiver operating characteristic; Intermediate range; Cut-off function; Likelihood ratio; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Electrophoresis
Monoclonal antibody; Acid hydrolysis; Heavy chain (Davagnino, J. (185) 177)

Astrocyte; Glutamine synthetase; Cerebrospinal fluid; Enzyme immunoassay; Enzyme activity (Tumani, H. (188) 155)

Electroporation
Stable transfection; T helper cell; Neomycin (Will, A. (188) 139)

ELISA
Amplification; NADP; Immunoassay; Tuberculosis (Vera-Cabrera, L. (177) 69)

Monoclonal antibody; Affinity; Bluetongue virus; Quantitative (White, J.R. (177) 79)

Cell proliferation; Ki-67 protein; MIB 1 (Key, G. (177) 113)

Optimization; Fractional factorial design (Reiken, S.R. (177) 199)

Leukocyte adhesion; Endothelial cell; Anti-inflammatory agent (Krakauer, T. (177) 207)

Human heart fatty acid binding protein; Monoclonal antibody; Myocardial infarction (Ohkaru, Y. (178) 99)

Cyclophilin; Cyclosporin A; Anti-peptide antibody (Allain, F. (178) 113)

Glutathione *S*-transferase; Fusion protein; Immunoassay; Recombinant protein (Cartwright, G.A. (179) 31)

Multiple antigen peptide; Antiribosomal antibody; P protein (Caponi, L. (179) 193)

Anti-neutrophil cytoplasmic antibody; Chromatography, reverse-phase high performance liquid; Proteinase 3; Vasculitis (Gaskin, G. (180) 25)

Transglutaminase; Fibronectin; Binding; Fibrinogen; IgG (Achyuthan, K.E. (180) 69)

Botulinum neurotoxin type A; Therapeutic use; Monoclonal antibody; $F(ab')_2$-HRP conjugate (Ekong, T.A.N. (180) 181)

Ion-sensitive field effect transistor; Polymerase chain reaction; IL-1β (Tsuruta, H. (180) 259)

Transforming growth factor $\beta 3$; IgY, chicken; Purification; Umbilical cord; (Serum) (Danielpour, D. (180) 265)

Platelet; Integrin; Fibrinogen receptor (Gao, J. (181) 55)

Peptide; Hydrophilic surface; Immobilization; Dextran; Surface modification; Covalent; Microtiter plate (Gregorius, K. (181) 65)

IgG subclass; Anti-Fc specific antibody; Anti-Fab specific antibody (Gupta, R.K. (181) 75)

Dexamethasone; Equine urine; Biotinylated protein G; Alkaline phosphatase-labeled extravidin; GC/MS (Roberts, C.J. (181) 157)

Immunostaining; Cholesterol; Chromatography, thin layer; Antibody; Anti-cholesterol (Aniagolu, J. (182) 85)

Tumor necrosis factor; Immunoassay; Bioassay; Recombinant cytokine (De Kossodo, S. (182) 107)

Peptide; Functionalized polystyrene; Covalence (Niveleau, A. (182) 227)

Ion-sensitive field effect transistor; Urease (Tsuruta, H. (183) 221)

Pertussis; Reproducibility; Serology; Standardization; Unit calculation (Reizenstein, E. (183) 279)

Folic acid; ε-Aminocaproic acid modified bovine serum albumin; Antibody titer (Das Sarma, J. (184) 1)

Post-transfusion purpura; Glycoprotein IIb; Glycoprotein IIIa; Platelet alloantibody (Reiner, A.P. (184) 153)

Functional affinity; Affinity constant; Solid-phase affinity; Human chorionic gonadotropin; Monoclonal antibody (Loomans, E.E.M.G. (184) 207)

Antiphospholipid antibody; Cardiolipin; Flow cytometry; Phosphatidylserine (Obringer, A.R. (185) 81)

IL-1 receptor, type II; IL-1β (Altenberger, E.A. (185) 115)

Diagnostic test; Receiver operating characteristic; Two-graph receiver operating characteristic; Intermediate range; Cut-off function; Efficiency; Likelihood ratio; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Polyamine; Monoclonal antibody; Covalent coupling; Glutaraldehyde; Carbodiimide (Delcros, J.-G. (185) 191)

Chromatography, affinity; Monoclonal antibody; Recombinant protein; Thioredoxin; Immunoblot analysis (Dickason, R.R. (185) 237)

Systemic lupus erythematosus; Brain-reactive autoantibody (Ochola, J. (185) 259)

Humanized anti-Tac; Tac; Tac receptor; IL-2; Graft-versus-host disease (Fayer, B.E. (186) 47)

Complement activation; Complement C4; Complement C3; Complement complex; C4-C3 (Zwirner, J. (186) 55)

Calibration; Computer software; Confidence interval; Inverse confidence interval; Logistic regression; Radioimmunoassay; Statistical analysis (Robison-Cox, J.F. (186) 79)

Anti-MAGE-4 antibody; MAGE-4 protein; Human tumor; Specific immunotherapy (Shichijo, S. (186) 137)

Tumor necrosis factor; IL-8; Oligomeric form; Quaternary structure; Monoclonal antibody (Petyovka, N. (186) 161)

Cytokine; Standardization; Synovial fluid; Plasma; Monocyte (Ledur, A. (186) 171)

IgA; Subclass; Size (De Fijter, J.W. (187) 221)

Anti-neutrophil cytoplasmic antibody; Granulocyte-specific antinuclear antibody; Myeloperoxidase; Immunofluorescence; Spot blot (Bang la Cour, B. (187) 287)

Thomsen-Friedenreich (T) antigen; Anti-Thomsen-Friedenreich (T) antibody; Breast carcinoma detection with anti-T IgM ELISA (Desai, P.R. (188) 175)

Radioimmunoassay; Equilibrium association constant; Dissociation constant; Complex formation rate constant; Macromolecular interaction (Fuchs, H. (188) 197)

dot-ELISA
Tsetse fly; Trypanosomiasis; Hydrogen peroxide; Destaining (Bosompem, K.M. (187) 23)

ELISA, affinity capture phage
Filamentous phage M13; Fusion protein; Monoclonal antibody; Phage display (Bhardwaj, D. (179) 165)

ELISA, antigen capture
Anti-Su antibody; Anti-nRNP antibody; Antinuclear antibody; Pristane (Satoh, M. (182) 51)

ELISA, sandwich
Transforming growth factor β; Cytokine (Szymkowiak, C.H. (184) 263)

Smooth muscle myosin heavy chain; Aortic dissection; Monoclonal antibody (Katoh, H. (185) 57)

ELISA, sequential
Langmuir binding; Microwell capacity; Protein adsorption (Wilkins Stevens, P. (178) 59)

ELISA, T cell receptor
Soluble T cell receptor; Immuno-PCR, T cell receptor (Sperl, J. (186) 181)

ELISPOT
$CD8^+$ T cell; IFN-γ; Synthetic peptide; Recombinant vaccinia virus; Malaria (Miyahira, Y. (181) 45)

ELISPOT assay
Polyvinylidene difluoride membrane; Solid support; Antibody secreting cell; Natural antibody; Autoantibody (Schielen, P. (188) 33)

Embryonic stem cell
Homologous recombination; Gene targeting; Immunology (Galli-Taliadoros, L.A. (181) 1)

Endocytosis
Glycosyl phosphatidylinositol anchor; Reconstitution; CD16 (Nagarajan, S. (184) 241)

Endothelial
Fibronectin; Laminin; Melanoma; HUVEC; Cell adhesion assay (Goodwin, A.E. (187) 213)

Endothelial cell
Leukocyte adhesion; ELISA; Anti-inflammatory agent (Krakauer, T. (177) 207)

Endotoxemia
Endotoxin; Lipopolysaccharide; Immunotherapy; Sepsis; Antibody (Poxton, I.R. (186) 1)

Endotoxin
Lipopolysaccharide; Immunotherapy; Endotoxemia; Sepsis; Antibody (Poxton, I.R. (186) 1)

Endotoxin, detection of
Lipooligosaccharide; *Haemophilus ducreyi*; Chancroid (Hansen, E.J. (185) 225)

Enrichment factor
Epithelial cell; Cancer cell separation; Peripheral blood (Griwatz, C. (183) 251)

Enzyme activity
Astrocyte; Glutamine synthetase; Cerebrospinal fluid; Enzyme immunoassay; Electrophoresis (Tumani, H. (188) 155)

Enzyme immunoassay
Lactate dehydrogenase; Class I MHC; H-2; Peptide binding; Surface antigen; Cell panning (Sigal, L.J. (177) 261)

Anti-IgA; IgA deficiency (Koskinen, S. (179) 51)

Des-Arg^9-bradykinin; Chemiluminescence; Digoxigenin; Angiotensin converting enzyme inhibitor (Raymond, P. (180) 247)

Soluble IL-2 receptor; (Rat) (Pockley, A.G. (182) 81)

Steroid; Monoclonal antibody; In vitro fertilization; Biotinylation (Mares, A. (183) 211)

Human leukocyte antigen quantitation; Isoelectric focusing; Immunoblot (Shieh, D.C. (184) 169)

Virology; Synthetic peptide; Tryptic fragment; P24 antigen (Jean, F. (185) 103)

Tissue inhibitor of metalloproteinases-2; Matrix metalloproteinase; Monoclonal antibody (Fujimoto, N. (187) 33)

Polymerase chain reaction; Quantitative polymerase chain reaction; Cytokine; Digoxigenin; T cell (Hockett Jr., R.D. (187) 273)

Antibody affinity; Thiocyanate; Malaria; *Plasmodium falciparum* (Ferreira, M.U. (187) 297)

Type VIII collagen; Type X collagen; Synthetic peptide; Polyclonal antibody; Descemet membrane (Korsching, E. (188) 51)

Astrocyte; Glutamine synthetase; Cerebrospinal fluid; Enzyme activity; Electrophoresis (Tumani, H. (188) 155)

Enzyme immunoinhibition
Alkaline phosphatase; Glycosyl-phosphatidylinositol-anchored alkaline phosphatase; Antibody-antigen interaction; Progress curve analysis; Rate constant determination (Cumme, G.A. (182) 29)

Eosinophil
Carboxyfluorescein diacetate; Flow cytometry; Neutrophil; Adhesion (Davenpeck, K.L. (188) 79)

Epithelial cell
Intraepithelial lymphocyte; Lamina propria lymphocyte; Intestinal lymphocyte; Macrophage; Plasma cell; B lymphocyte; T lymphocyte (Ebert, E.C. (178) 219)

Cancer cell separation; Peripheral blood; Enrichment factor (Griwatz, C. (183) 251)

Epitope
Monoclonal antibody; 5′-Nuclease domain; DNA polymerase domain; Surface plasmon resonance (Daiss, J.L. (183) 15)

Biosensor technology; Tobacco mosaic virus; Virology; Neotope; Metatope (Saunal, H. (183) 33)

Cytokine receptor; Thioredoxin; Fusion protein; Biosensor; Recognition (Ruegg, N. (183) 95)

Epitope mapping
Phospholipase A_2; Bee venom; Monoclonal antibody (Myatt, E.A. (177) 35)

Thymosin β_4; Antigenic determinant; Thymus peptide (Becker, S. (177) 131)

Bluetongue virus; Library; Phage surface display; DNase I digestion; Random expression (Wang, L.-F. (178) 1)

Receptor associated protein; Immunoblotting; Nested set of protein fragments; Proteinase K (Ellgaard, L. (180) 53)

Epstein-Barr virus-specific cytotoxic T lymphocyte
Cyclosporin A (Okano, M. (184) 149)

Equilibrium association constant
ELISA; Radioimmunoassay; Dissociation constant; Complex formation rate constant; Macromolecular interaction (Fuchs, H. (188) 197)

Equilibrium dissociation constant
Systemic lupus erythematosus; Anti-DNA autoantibody; Gel shift assay (Stevens, S.Y. (177) 185)

Equine urine
ELISA; Dexamethasone; Biotinylated protein G; Alkaline phosphatase-labeled extravidin; GC/MS (Roberts, C.J. (181) 157)

Erythrocyte
Complement receptor 1; Decay accelerating factor; Immune complex (Jones, D.R.E. (177) 235)

Phage display; Rhesus D; Agglutination; Recombinant antibody (Dziegiel, M. (182) 7)

Erythrocyte lysis
Lymphocyte subset; Flow cytometry; Density gradient separation; Monoclonal antibody; (Rat) (Pelegrí, C. (187) 265)

Erythrocyte surface antigen
Plasmodium falciparum; Immunofluorescence, indirect; Fluorescence flow cytometry (Jouin, H. (179) 1)

Escapee
Flow cytometry; Lymphocyte subset (Prince, H.E. (177) 165)

Ethidium homodimer-1
Tumor necrosis factor; Bioassay; Cytotoxicity (Lévesque, A. (178) 71)

Ethynylestradiol
Radioimmunoassay; Monoclonal antibody; Assay sensitivity (Agasan, A.L. (177) 251)

Europium
Antibody-dependent cellular cytotoxicity; Campath-1H; Time-resolved fluorometry (Patel, A.K. (184) 29)

Europium chelate
Antibody engineering; Immunoliposome; Lanthanide; Lipid-tagged antibody; Time-resolved fluorometry (Laukkanen, M.-L. (185) 95)

Exocytosis
Neutrophil; Secretory vesicle; Sorcin; Grancalcin (Lollike, K. (185) 1)

Exonuclease recession
Directional cloning; T4 DNA polymerase; Single site subcloning (Yang, Y.-S. (181) 137)

Expression in *Escherichia coli*
Single chain Fv antibody; Chromatography, immobilized metal affinity; Streptavidin; Immunoconjugate; Biotin; Bifunctional antibody (Dübel, S. (178) 201)

Expression vector
Recombinant peptide; Chimeric peptide; B-T cell cooperation; Subunit vaccine (De Smet, K.A.L. (177) 243)

Extracellular matrix
Chemokine; Chemotaxis; T cell (Taub, D.D. (184) 187)

F

Fab
Recombinant; Fragment; sFv; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Cyclosporin; Cyclophilin; Affinity; BIAcore; *cis-trans* isomerisation; Antigen-antibody interaction (Zeder-Lutz, G. (183) 131)

$F(ab)_2$ fragment
Purification; Fc fragment; Thiophilic adsorption (Yurov, G.K. (177) 29)

$F(ab')_2$-HRP conjugate
Botulinum neurotoxin type A; Therapeutic use; ELISA; Monoclonal antibody (Ekong, T.A.N. (180) 181)

FACS analysis
Islet infiltrating cell; Diabetes (Faveeuw, C. (187) 163)

Fc fragment
Purification; $F(ab)_2$ fragment; Thiophilic adsorption (Yurov, G.K. (177) 29)

Fc ε RI
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Fetal calf serum
Monoclonal anticardiolipin antibody; Microvesicle (Menon, S. (186) 65)

Fetal thymus
T cell development; Organ culture (DeLuca, D. (178) 13)

Fibrin gel
Neutrophil; Random motility; Chemotaxis; IL-8 (Moghe, P.V. (180) 193)

Fibrinogen
Transglutaminase; Fibronectin; Binding; ELISA; IgG (Achyuthan, K.E. (180) 69)

Fibrinogen receptor
Platelet; Integrin; ELISA (Gao, J. (181) 55)

Fibronectin
Transglutaminase; Binding; ELISA; Fibrinogen; IgG (Achyuthan, K.E. (180) 69)

Laminin; Melanoma; HUVEC; Endothelial; Cell adhesion assay (Goodwin, A.E. (187) 213)

Filamentous phage M13
ELISA, affinity capture phage; Fusion protein; Monoclonal antibody; Phage display (Bhardwaj, D. (179) 165)

Fixation method
Reverse passive hemagglutination; Potato virus X; Avidin-biotin; IgY-type antibody, chicken; Virology (Großmann, A. (179) 243)

Flow cytometry
B lymphocytic cell line; T lymphocytic cell line; LDL receptor (Yen, C.F. (177) 55)

Natural killer cell; Lymphokine-activated killer; Cell-mediated lympholysis; Cytotoxicity; Fluorescence (Papadopoulos, N.G. (177) 101)

Cytotoxicity; Kinetics; Cytotoxic T lymphocyte; Natural killer cell (Karawajew, L. (177) 119)

Lymphocyte subset; Escapee (Prince, H.E. (177) 165)

Immunofluorometric assay; Hook effect; Monodisperse particle (Frengen, J. (178) 131)

Immunofluorometric assay; Multianalyte assay; Monodisperse particle (Frengen, J. (178) 141)

Primate; CD antigen; Lymphocyte (Wilson, A.D. (178) 195)

Cytotoxicity; Lymphocyte; Conjugation; Calcium (Brooks, B. (178) 229)

Proliferating cell nuclear antigen; Phenotype; Local lymph node assay (Kühn, U. (179) 215)

Monocyte; CD11b/CD18; CD62L; Cell preparation (Lundahl, J. (180) 93)

Apoptosis; Terminal transferase (Dolzhanskiy, A. (180) 131)

Apoptosis; Lymphocyte; DNA nick detection (Zhang, L. (181) 17)

Basophil; Mast cell; Cell separation (Willheim, M. (182) 115)

Monoclonal antibody; Isolation and purification; Secretion; Biosynthesis; Microdrop (Gray, F. (182) 155)

Cell kinetics; DNA/RNA quantitation; 7-Amino-actinomycin D; Pyronin Y; Saponin (Toba, K. (182) 193)

Apoptosis; Annexin-V; Phosphatidylserine (Vermes, I. (184) 39)

Biotin; Growth factor; Receptor; IL-2 (De Jong, M.O. (184) 101)

Greater omentum; Milky spot; Macrophage; Isolation method; Cytotoxicity assay; Tumoricidal (Krist, L.F.G. (184) 253)

C5a receptor; Monoclonal antibody; Immunoblotting (Watanabe, H. (185) 19)

Tyrosine phosphorylation; CD3 stimulation; T cell subset; HIV infection (Vuillier, F. (185) 43)

CD11b; Neutrophil; Monocyte; Integrin (Repo, H. (185) 65)

Antiphospholipid antibody; Cardiolipin; ELISA; Phosphatidylserine (Obringer, A.R. (185) 81)

Natural killer activity; 3,3′-dioctadecyloxacarbocyanine perchlorate; D275; Glycosaminoglycans (Johann, S. (185) 209)

Natural killer cell; Magnetic cell sorting (Ellison, C.A. (186) 233)

Fluorochrome labeling; Fluorescence microscopy; Intracellular bacterium (Drevets, D.A. (187) 69)

MRK16 $F(ab')_2$; P-glycoprotein; Multidrug resistance; Magnetic cell sorting (Okochi, E. (187) 127)

Lymphocyte subset; Erythrocyte lysis; Density gradient separation; Monoclonal antibody; (Rat) (Pelegrí, C. (187) 265)

Carboxyfluorescein diacetate; Neutrophil; Eosinophil; Adhesion (Davenpeck, K.L. (188) 79)

Cytokine; Monensin; Intracellular immunofluorescence; T cell; Th_1 cell; Th_2 cell; IL-5 (Prussin, C. (188) 117)

Granulocyte; Chronic granulomatous disease; Anticoagulant; Specimen age (Prince, H.E. (188) 129)

HIV-1 Rev; HIV-1 Tat; Intracellular antigen; Cell fixation and permeabilization (Rigg, R.J. (188) 187)

Apoptosis; Cell cycle; Paraformaldehyde; Propidium iodide (Douglas, R.S. (188) 219)

Fluorescence
Natural killer cell; Lymphokine-activated killer; Cell-mediated lympholysis; Cytotoxicity; Flow cytometry (Papadopoulos, N.G. (177) 101)

Liposome; Macrophage; Phagocytosis; Phagocytosis assay (Perry, D.G. (181) 269)

Fluorescence flow cytometry
Plasmodium falciparum; Immunofluorescence, indirect; Erythrocyte surface antigen (Jouin, H. (179) 1)

Fluorescence microscopy
Fluorochrome labeling; Flow cytometry; Intracellular bacterium (Drevets, D.A. (187) 69)

Fluorescence resonance energy transfer
Anti-platelet antibody (Koksch, M. (187) 53)

Fluorescent antibody technique
Mast cell; Leukemia, mast cell; IgE; Receptor, IgE; Fluorometry; (Rat) (Chen, X.-J. (177) 139)

Fluorescent microscopy
Apoptosis; YOPRO-1; Cytofluorimetry (Idziorek, T. (185) 249)

Fluorimetric assay
4-Methylumbelliferyl heptanoate; Cell-mediated cytotoxicity; Lymphokine-activated killer cell; Tumor cell line (Virág, L. (185) 199)

Fluorimetric microtitration assay
Cell-cell adhesion; Lymphocyte; Keratinocyte; Calcein AM (Braut-Boucher, F. (178) 41)

Fluorochrome labeling
Fluorescence microscopy; Flow cytometry; Intracellular bacterium (Drevets, D.A. (187) 69)

Fluoroimmunoassay
Influenza; Cyclophosphamide tolerization; Monoclonal antibody; Affinity; Diagnostics (Varečková, E. (180) 107)

Fluorometry
Mast cell; Leukemia, mast cell; IgE; Receptor, IgE; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Fmoc chemistry
Multiple antigen peptide; Peptide synthesis (Ahlborg, N. (179) 269)

Folic acid
ε-Aminocaproic acid modified bovine serum albumin; ELISA; Antibody titer (Das Sarma, J. (184) 1)

Direct enzyme immunoassay; Microbiological assay; Folic acid-free serum (Das Sarma, J. (184) 7)

Folic acid-free serum
Folic acid; Direct enzyme immunoassay; Microbiological assay (Das Sarma, J. (184) 7)

Formyl-methionyl-leucyl-phenylalanine
Blood eosinophil; Percoll; Immunomagnetic bead; CD16; Platelet-activating factor; Priming (Blom, M. (178) 183)

Fourier transform infrared spectroscopy
Non-isotopic immunoassay; Therapeutic drug monitoring; Carbamazepine; Metal carbonyl tracer (Varenne, A. (186) 195)

Fractional factorial design
ELISA; Optimization (Reiken, S.R. (177) 199)

Fragment
Recombinant; sFv; Fab; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Fragmentation
IgG, mouse; Protease; Digestion; Subclass; Hinge region (Yamaguchi, Y. (181) 259)

Freeze drying
IgM; Monoclonal antibody; Trehalose (Dráber, P. (181) 37)

Functional affinity
Affinity constant; Solid-phase affinity; Human chorionic gonadotropin; ELISA; Monoclonal antibody (Loomans, E.E.M.G. (184) 207)

Functionalized polystyrene
Peptide; ELISA; Covalence (Niveleau, A. (182) 227)

Fusion protein
ELISA; Glutathione *S*-transferase; Immunoassay; Recombinant protein (Cartwright, G.A. (179) 31)

ELISA, affinity capture phage; Filamentous phage M13; Monoclonal antibody; Phage display (Bhardwaj, D. (179) 165)

Cytokine receptor; Thioredoxin; Biosensor; Recognition; Epitope (Ruegg, N. (183) 95)

Suppressor T cell; T cell receptor α chain; Calmodulin (Ishii, Y. (186) 27)

CD40; gp39; Protease cleavage (Hollenbaugh, D. (188) 1)

Glutathione *S*-transferase; Monoclonal antibody; pGEX (Campbell, M.J. (188) 73)

sFv
Recombinant; Fragment; Fab; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Fv, disulfide-stabilized
Anti-Tac(Fv); M13 (Brinkmann, U. (182) 41)

G

Gas supply
Monoclonal antibody production; Dialysis culture; Eccentric rotation; Tumbling chamber (Jaspert, R. (178) 77)

Gating
Multiparameter flow cytometry; CD45; Bone marrow; Biopsy (Festin, R. (177) 215)

GC/MS
ELISA; Dexamethasone; Equine urine; Biotinylated protein G; Alkaline phosphatase-labeled extravidin (Roberts, C.J. (181) 157)

Gel electrophoresis
Streptococcus suis; *Streptococcus agalactiae*; Capsular polysaccharide; Immunoblot analysis; Cross-reactivity (Tikkanen, K. (187) 233)

Gel shift assay
Systemic lupus erythematosus; Anti-DNA autoantibody; Equilibrium dissociation constant (Stevens, S.Y. (177) 185)

Gene expression
Cytokine, rat; Polymerase chain reaction; Competitor control fragment Siegling, A. (177) 23)

Gene targeting
Homologous recombination; Embryonic stem cell; Immunology (Galli-Taliadoros, L.A. (181) 1)

IgD; Monoclonal antibody; Affinity; Tolerance (Roes, J. (183) 231)

Gene therapy
Retrovirus; Immunotherapy; Melanoma; IL-4; Tumor vaccine (Krauss, J.C. (183) 239)

T lymphocyte CD5 receptor; Receptor mediated endocytosis (Merwin, J.R. (186) 257)

Genetic analysis
HLA; Polymerase chain reaction; DNA (Fowke, K.R. (180) 45)

pGEX
Fusion protein; Glutathione *S*-transferase; Monoclonal antibody (Campbell, M.J. (188) 73)

Glutamic acid decarboxylase
Autoantibody; Radioimmunoassay; Insulin-dependent diabetes mellitus; In vitro translation; Proinsulin converting enzyme-2 (Falorni, A. (186) 89)

Glutamine synthetase
Astrocyte; Cerebrospinal fluid; Enzyme immunoassay; Enzyme activity; Electrophoresis (Tumani, H. (188) 155)

Glutaraldehyde
Polyamine; Monoclonal antibody; ELISA; Covalent coupling; Carbodiimide (Delcros, J.-G. (185) 191)

Glutathione *S*-transferase
ELISA; Fusion protein; Immunoassay; Recombinant protein (Cartwright, G.A. (179) 31)

Fusion protein; Monoclonal antibody; pGEX (Campbell, M.J. (188) 73)

Glycopeptide
Major histocompatibility complex class I; Binding (Abdel-Motal, U.M. (188) 21)

Glycophorin
Plasma membrane vesicle; Chinese hamster ovary cell (Donnell, M.E. (187) 111)

Glycoprotein IIb
Post-transfusion purpura; Glycoprotein IIIa; ELISA; Platelet alloantibody (Reiner, A.P. (184) 153)

Glycoprotein IIIa
Post-transfusion purpura; Glycoprotein IIb; ELISA; Platelet alloantibody (Reiner, A.P. (184) 153)

Glycosaminoglycans
Flow cytometry; Natural killer activity; 3,3′-dioctadecyloxacarbocyanine perchlorate; D275 (Johann, S. (185) 209)

Glycosidic coupling
Peptide conjugation; Immunoglobulin; Influenza virus (Brumeanu, T.-D. (183) 185)

Glycosylation
Baculovirus recombinant; Single-chain antibody; Tumor-associated glycoprotein-72; Mucin (Bei, R. (186) 245)

Glycosyl-phosphatidylinositol-anchored alkaline phosphatase
Enzyme immunoinhibition; Alkaline phosphatase; Antibody-antigen interaction; Progress curve analysis; Rate constant determination (Cumme, G.A. (182) 29)

Glycosyl phosphatidylinositol anchor
Reconstitution; CD16; Endocytosis (Nagarajan, S. (184) 241)

GM-CSF
Dendritic cell; Bone marrow; OX-62; (Rat) (Chen-Woan, M. (178) 157)

gp39
CD40; Fusion protein; Protease cleavage (Hollenbaugh, D. (188) 1)

gp120
Real time biospecific interaction analysis; Antigen-antibody interaction; CD4; IOT4a; Thermodynamic parameter (Velge-Roussel, F. (183) 141)

gp120 / gp160
HIV-1 vaccine; HIV-1 envelope glycoprotein; BIAcore; HIV-1 immune response; Oligomeric gp160 (VanCott, T.C. (183) 103)

Graft-versus-host disease
Humanized anti-Tac; Tac; Tac receptor; IL-2; ELISA (Fayer, B.E. (186) 47)

Grancalcin
Exocytosis; Neutrophil; Secretory vesicle; Sorcin (Lollike, K. (185) 1)

Granule
Defensin; Phagocytosis (Liu, L. (181) 253)

Granulocyte
Flow cytometry; Chronic granulomatous disease; Anticoagulant; Specimen age (Prince, H.E. (188) 129)

Granulocyte colony stimulating factor
Standardization (Mire-Sluis, A.R. (179) 117)

Granulocyte-macrophage colony stimulating factor
Standardization (Mire-Sluis, A.R. (179) 127)

Granulocyte-specific antinuclear antibody
Anti-neutrophil cytoplasmic antibody; Myeloperoxidase; Immunofluorescence; ELISA; Spot blot (Bang la Cour, B. (187) 287)

Granuloma
Monocyte; Collagen gel; HLA-DR; Complement activation (Franklin, G.F. (186) 285)

Greater omentum
Milky spot; Macrophage; Isolation method; Flow cytometry; Cytotoxicity assay; Tumoricidal (Krist, L.F.G. (184) 253)

Growth factor
In vitro; Tissue culture; Cytokine (Olivas, E. (182) 73)

Biotin; Receptor; IL-2; Flow cytometry (De Jong, M.O. (184) 101)

H

H-2
Lactate dehydrogenase; Class I MHC; Peptide binding; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Haemophilus ducreyi
Endotoxin, detection of; Lipooligosaccharide; Chancroid (Hansen, E.J. (185) 225)

***Haemophilus influenzae* type b**
Capsular polysaccharide; Polyribosylribitolphosphate; Monoclonal antibody; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Heart fatty acid-binding protein
Monoclonal antibody; (Human) (Roos, W. (183) 149)

Heavy chain
Monoclonal antibody; Electrophoresis; Acid hydrolysis (Davagnino, J. (185) 177)

Hemagglutinin
Measles virus; CD46; Quantification; Antigen presenting cell; Mouse T cell hybridoma; Virology (Trescol-Biémont, M.-C. (187) 253)

Hemoprotozoan parasite
Monoclonal antibody; Red blood cell; SCID mouse; Animal model (Nakamura, Y. (188) 247)

Hepatitis C virus
Liver cytosol antibody type 1; Liver/kidney microsomal antibody type 1; Autoimmune hepatitis; Unclassified hepatitis (Muratori, L. (187) 259)

Herpes simplex virus
Synthetic peptide library; High affinity binding peptide; Mimotope (De Koster, H.S. (187) 179)

Heteroduplex DNA molecule
T cell heterogeneity; T cell receptor; Junctional diversity; Nucleic acid gel electrophoresis (Offermans, M.T.C. (181) 101)

Heterohybridoma
Monoclonal antibody; Ouabain; Cytochalasin B; (Human) (Yoshinari, K. (186) 17)

Heterophilic antibody
Two-site immunoassay, sandwich type; Monoclonal antibody; Chimeric antibody, human/mouse; Carcinoembryonic antigen (Kuroki, M. (180) 81)

High affinity binding peptide
Synthetic peptide library; Herpes simplex virus; Mimotope (De Koster, H.S. (187) 179)

High density lipoprotein
Serum amyloid A protein; Amyloidosis; Acute-phase reaction; Apolipoprotein (Malle, E. (182) 131)

Hinge region
IgG, mouse; Protease; Fragmentation; Digestion; Subclass (Yamaguchi, Y. (181) 259)

Histamine
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Histidine
BIAcore; Nickel; Metal chelate; Transition metal complex (Gershon, P.D. (183) 65)

HIV disease
Lymphocyte immunophenotyping; Technology assessment; CD4 T lymphocyte; Absolute CD4 T lymphocyte (Nicholson, J.K.A. (177) 43)

HIV-1 envelope glycoprotein
HIV-1 vaccine; gp120/gp160; BIAcore; HIV-1 immune response; Oligomeric gp160 (VanCott, T.C. (183) 103)

HIV-1 immune response
HIV-1 vaccine; HIV-1 envelope glycoprotein; gp120/gp160; BIAcore; Oligomeric gp160 (VanCott, T.C. (183) 103)

HIV infection
Flow cytometry; Tyrosine phosphorylation; CD3 stimulation; T cell subset (Vuillier, F. (185) 43)

HIV-1 peptide
SCID-hu mouse; Immunization (Chargui, J. (181) 91)

HIV-1 Rev
HIV-1 Tat; Flow cytometry; Intracellular antigen; Cell fixation and permeabilization (Rigg, R.J. (188) 187)

HIV-1 Tat
HIV-1 Rev; Flow cytometry; Intracellular antigen; Cell fixation and permeabilization (Rigg, R.J. (188) 187)

HIV-1 vaccine
HIV-1 envelope glycoprotein; gp120/gp160; BIAcore; HIV-1 immune response; Oligomeric gp160 (VanCott, T.C. (183) 103)

HL60
Proliferation; Differentiation; Assay; Myeloid leukemia; MTT; Respiratory burst (Trayner, I.D. (186) 275)

HLA
Genetic analysis; Polymerase chain reaction; DNA (Fowke, K.R. (180) 45)

Major histocompatibility complex class I; Major histocompatibility complex class II; T cell; Neural network (computer) (Adams, H.-P. (185) 181)

HLA-DR
Granuloma; Monocyte; Collagen gel; Complement activation (Franklin, G.F. (186) 285)

HLA oligotyping
Dot-blot micromethod; Sequence-specific oligonucleotide; Polymerase chain reaction (García-Pacheco, J.M. (180) 35)

Homologous recombination
Embryonic stem cell; Gene targeting; Immunology (Galli-Taliadoros, L.A. (181) 1)

Hook effect
Immunofluorometric assay; Flow cytometry; Monodisperse particle (Frengen, J. (178) 131)

House dust
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Human chorionic gonadotropin
Functional affinity; Affinity constant; Solid-phase affinity; ELISA; Monoclonal antibody (Loomans, E.E.M.G. (184) 207)

Human glycoprotein
Tamm-Horsfall protein; Urine; *Listeria monocytogenes*; Macrophages (Fontan, E. (187) 81)

Human heart fatty acid binding protein
Monoclonal antibody; ELISA; Myocardial infarction (Ohkaru, Y. (178) 99)

Humanized anti-Tac
Tac; Tac receptor; IL-2; ELISA; Graft-versus-host disease (Fayer, B.E. (186) 47)

Human leukocyte antigen quantitation
Isoelectric focusing; Enzyme immunoassay; Immunoblot (Shieh, D.C. (184) 169)

Human lymphoid tissue
Organ culture; Activation; Ig synthesis (Hoffmann, P. (179) 37)

Human polymorphonuclear neutrophil leukocyte
L-Arginine; Oxyhemoglobin; Methemoglobin; Nitric oxide (Lärfars, G. (184) 53)

Human truncated τ protein
Purification method (Kontsekova, E. (185) 245)

Human tumor
Anti-MAGE-4 antibody; ELISA; MAGE-4 protein; Specific immunotherapy (Shichijo, S. (186) 137)

HUT78
T cell receptor, human; Monoclonal antibody; Vβ23; Vβ1 (Romagné, F. (186) 313)

HUVEC
Fibronectin; Laminin; Melanoma; Endothelial; Cell adhesion assay (Goodwin, A.E. (187) 213)

Hybrid-hybridoma
Microelectrofusion; Quadroma; Bispecific antibody (Cao, Y. (187) 1)

Hybridoma
Monoclonal antibody; Cloning; Limiting dilution (Wewetzer, K. (179) 71)

Cell fusion; Myeloma; T lymphoma (Radomska, H.S. (188) 209)

Hybridoma, human
Blasticidin S; Parental B cell line; Cell fusion (Kudo, T. (177) 17)

Hydrogen peroxide
Tsetse fly; Trypanosomiasis; dot-ELISA; Destaining (Bosompem, K.M. (187) 23)

Hydrophilic surface
ELISA; Peptide; Immobilization; Dextran; Surface modification; Covalent; Microtiter plate (Gregorius, K. (181) 65)

I

IFN-γ
$CD8^+$ T cell; ELISPOT; Synthetic peptide; Recombinant vaccinia virus; Malaria (Miyahira, Y. (181) 45)

Cytokine immunotrapping; Degradation/consumption (Akdiş, A.C. (182) 251)

Whole blood; Cytokine; Assay (Petrovsky, N. (186) 37)

IgA
Subclass; Size; ELISA (De Fijter, J.W. (187) 221)

Leprosy; Mucosal immunity; *Mycobacterium leprae* (Ramaprasad, P. (188) 239)

IgA deficiency
Anti-IgA; Enzyme immunoassay (Koskinen, S. (179) 51)

IgD
Gene targeting; Monoclonal antibody; Affinity; Tolerance (Roes, J. (183) 231)

IgE
Mast cell; Leukemia, mast cell; Receptor, IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Basophil; IgG; Membrane (Dreskin, S.C. (179) 87)

Monoclonal antibody; Anti-IgE hybridoma; Specificity of anti-IgE (Haba, S. (183) 199)

IgE, human
Purification; Chromatography, ion exchange; Chromatography, affinity; Monoclonal antibody, murine (Kleine-Tebbe, J. (179) 153)

IgG
hIL-6; IgY; Diagnostics; (Sheep); (Chicken) (Woolley, J.A. (178) 253)

Basophil; IgE; Membrane (Dreskin, S.C. (179) 87)

Transglutaminase; Fibronectin; Binding; ELISA; Fibrinogen (Achyuthan, K.E. (180) 69)

Chromatography, affinity; Immunoglobulin binding; Protein A (Bottomley, S.P. (182) 185)

Pd(II) coproporphyrin I *N*-hydroxysuccinimide ester; Metalloporphyrin-antibody conjugate; Antibody modification; Anti-human ferritin antibody (Martsev, S.P. (186) 293)

IgG, IgM, IgA, and IgE specific isotypes
Automated processing; Agglutination; Immunocapture (Aubert, D. (186) 323)

IgG, mouse
Protease; Fragmentation; Digestion; Subclass; Hinge region (Yamaguchi, Y. (181) 259)

IgG subclass
Anti-Fc specific antibody; Anti-Fab specific antibody; ELISA (Gupta, R.K. (181) 75)

IgG subclass, mouse
Polymerase chain reaction; Quantitation (Ono, M. (184) 63)

IgM
Monoclonal antibody; Trehalose; Freeze-drying (Dráber, P. (181) 37)

Ig synthesis
Organ culture; Human lymphoid tissue; Activation (Hoffmann, P. (179) 37)

IgY
hIL-6; IgG; Diagnostics; (Sheep); (Chicken) (Woolley, J.A. (178) 253)

IgY, chicken
ELISA; Transforming growth factor $\beta 3$; Purification; Umbilical cord; (Serum) (Danielpour, D. (180) 265)

IgY-type antibody, chicken
Reverse passive hemagglutination; Potato virus X; Avidin-biotin; Fixation method; Virology (Großmann, A. (179) 243)

IL-1β
Ion-sensitive field effect transistor; Polymerase chain reaction; ELISA (Tsuruta, H. (180) 259)

IL-1 receptor, type II; ELISA (Altenberger, E.A. (185) 115)

IL-1 receptor, type II
ELISA; IL-1β (Altenberger, E.A. (185) 115)

IL-2
Natural killer cell; Alloreactivity, natural killer cell; Peritoneal exudate cell; Major histocompatibility complex; Diffusion chamber (Løvik, G. (179) 59)

Natural killer cell; Lymphokine-activated killer cell; Transfection and cytokine (Nouri, A.M.E. (180) 63)

Biotin; Growth factor; Receptor; Flow cytometry (De Jong, M.O. (184) 101)

Humanized anti-Tac; Tac; Tac receptor; ELISA; Graft-versus-host disease (Fayer, B.E. (186) 47)

IL-2 receptor
Surface plasmon resonance; Cytokine receptor; Coiled coil; Leucine zipper (Wu, Z. (183) 127)

IL-4
IL-13; Cytokine; Bioassay; IL-13 receptor (Labit-Le Bouteiller, C. (181) 29)

IL-12; CT4S; IL-4 bioassay (Xu, H. (181) 245)

Retrovirus; Gene therapy; Immunotherapy; Melanoma; Tumor vaccine (Krauss, J.C. (183) 239)

IL-4 bioassay
IL-4; IL-12; CT4S (Xu, H. (181) 245)

IL-5
Flow cytometry; Cytokine; Monensin; Intracellular immunofluorescence; T cell; Th_1 cell; Th_2 cell (Prussin, C. (188) 117)

IL-6
B9 assay; Interference; Lipopolysaccharide (Pedersen, M.R. (180) 159)

IgG; IgY; Diagnostics; (Sheep); (Chicken) (Woolley, J.A. (178) 253)

IL-8
Neutrophil; Random motility; Chemotaxis; Fibrin gel (Moghe, P.V. (180) 193)

Tumor necrosis factor; ELISA; Oligomeric form; Quaternary structure; Monoclonal antibody (Petyovka, N. (186) 161)

IL-10
Cytokine; In vitro immunization; Monoclonal antibody, neutralizing (Guzman, J. (179) 265)

IL-12
IL-4; CT4S; IL-4 bioassay (Xu, H. (181) 245)

IL-13
Cytokine; Bioassay; IL-13 receptor; IL-4 (Labit-Le Bouteiller, C. (181) 29)

IL-13 receptor
IL-13; Cytokine; Bioassay; IL-4 (Labit-Le Bouteiller, C. (181) 29)

Immobilization
ELISA; Peptide; Hydrophilic surface; Dextran; Surface modification; Covalent; Microtiter plate (Gregorius, K. (181) 65)

Immobilized metal ion affinity chromatography
Immunoglobulin purification; Tris(2-aminoethyl)amine (Boden, V. (181) 225)

Immobilized pepsin
Bifunctional antibody; Solid-phase synthesis; Bismaleimide; Antibody fragment (DeSilva, B.S. (188) 9)

Immune complex
Complement receptor 1; Decay accelerating factor; Erythrocyte (Jones, D.R.E. (177) 235)

Conglutinin; Difference plot; Ratio plot; Rheumatoid arthritis; Systemic lupus erythematosus (Svendsen, A. (178) 211)

Angiotensin II; Metatype; Tolerization (Towbin, H. (181) 167)

Determination of antigens; Avidin; DNA; Dot blotting; Systemic lupus erythematosus (Nezlin, R. (184) 273)

Immune thrombocytopenia
Anti-platelet antibody; Biotin-avidin immobilization; Platelet glycoprotein (Cordiano, I. (178) 121)

Immunization
Chicken egg yolk; Immunoglobulin extraction; Caprylic acid; α-Lactalbumin, ovine (McLaren, R.D. (177) 175)

SCID-hu mouse; HIV1 peptide (Chargui, J. (181) 91)

Nitrocellulose; Particle; Bead; Immunoprecipitation (Steinitz, M. (187) 171)

Immunoassay
Logistic model; Cross-reactivity (Jones, G. (177) 1)

Amplification; NADP; Tuberculosis; ELISA (Vera-Cabrera, L. (177) 69)

Tumor necrosis factor; Tumor necrosis factor receptor; Biosensor; Bioassay; Monoclonal antibody (Corti, A. (177) 191)

ELISA; Glutathione *S*-transferase; Fusion protein; Recombinant protein (Cartwright, G.A. (179) 31)

Alkaline phosphatase; Recombinant tracer; Colorimetric antibody; Anti-HBsAg detection (Carrier, A. (181) 177)

Cysteine proteinase; Cystatin; Kininogen; *Trypanosoma cruzi*; *Leishmania* (Scharfstein, J. (182) 63)

Tumor necrosis factor; ELISA; Bioassay; Recombinant cytokine (De Kossodo, S. (182) 107)

Monoclonal antibody; Myoglobin; Colloidal gold; Biosensor; BIAcore; Real time biospecific interaction analysis (Johne, B. (183) 167)

Antibody denaturation; Scanning tunneling microscopy; Dynamic contact angle (Davies, J. (186) 111)

Cytokine; Standardization (Mire-Sluis, A.R. (186) 157)

Immunoblot
Human leukocyte antigen quantitation; Isoelectric focusing; Enzyme immunoassay (Shieh, D.C. (184) 169)

Immunoblot analysis
Chromatography, affinity; ELISA; Monoclonal antibody; Recombinant protein; Thioredoxin (Dickason, R.R. (185) 237)

Streptococcus suis; *Streptococcus agalactiae*; Capsular polysaccharide; Gel electrophoresis; Cross-reactivity (Tikkanen, K. (187) 233)

Immunoblotting
Receptor associated protein; Epitope mapping; Nested set of protein fragments; Proteinase K (Ellgaard, L. (180) 53)

C5a receptor; Monoclonal antibody; Flow cytometry (Watanabe, H. (185) 19)

Immunocapture
Automated processing; Agglutination; IgG, IgM, IgA, and IgE specific isotypes (Aubert, D. (186) 323)

Immunoconjugate
Single chain Fv antibody; Expression in *Escherichia coli*; Chromatography, immobilized metal affinity; Streptavidin; Biotin; Bifunctional antibody (Dübel, S. (178) 201)

Immunoenzymetric assay
Monoclonal antibody; Asthma; Secretory IgA (Stokes Peebles, Jr., R. (179) 77)

Immunofluorescence
Anti-neutrophil cytoplasmic antibody; Granulocyte-specific antinuclear antibody; Myeloperoxidase; ELISA; Spot blot (Bang la Cour, B. (187) 287)

Immunofluorescence, indirect
Plasmodium falciparum; Erythrocyte surface antigen; Fluorescence flow cytometry (Jouin, H. (179) 1)

Immunofluorometric assay
Hook effect; Flow cytometry; Monodisperse particle (Frengen, J. (178) 131)

Flow cytometry; Multianalyte assay; Monodisperse particle (Frengen, J. (178) 141)

Immunoglobulin
Peptide conjugation; Glycosidic coupling; Influenza virus (Brumeanu, T.-D. (183) 185)

Phage display; Antibody; (Chicken) (Davies, E.L. (186) 125)

Immunoglobulin binding
Chromatography, affinity; IgG; Protein A (Bottomley, S.P. (182) 185)

Immunoglobulin extraction
Chicken egg yolk; Caprylic acid; α-Lactalbumin, ovine; Immunization (McLaren, R.D. (177) 175)

Immunoglobulin heavy chain repertoire
Polymerase chain reaction (Delassus, S. (184) 219)

Immunoglobulin purification
Immobilized metal ion affinity chromatography; Tris(2-aminoethyl)amine (Boden, V. (181) 225)

Immunogold labeling
Antiserum to fatty acids (Compère, P. (181) 201)

Immunohistochemistry
Cytokine; In situ detection; In situ hybridization; (Human) (Hoefakker, S. (185) 149)

Immunolabeling
Airborne house dust; Cat allergen; Backscatter electron imaging; Transmission electron microscopy; X ray microanalysis (Ormstad, H. (187) 245)

Immunoliposome
Antibody engineering; Europium chelate; Lanthanide; Lipid-tagged antibody; Time-resolved fluorometry (Laukkanen, M.-L. (185) 95)

Immunology
Homologous recombination; Embryonic stem cell; Gene targeting (Galli-Taliadoros, L.A. (181) 1)

Immunomagnetic bead
Blood eosinophil; Formyl-methionyl-leucyl-phenylalanine; Percoll; CD16; Platelet-activating factor; Priming (Blom, M. (178) 183)

Immuno-PCR, T cell receptor
Soluble T cell receptor; ELISA, T cell receptor (Sperl, J. (186) 181)

Immunoprecipitation
Nitrocellulose; Particle; Bead; Immunization (Steinitz, M. (187) 171)

ABO blood typing; Semen; Anti-p84 antibody (Sato, I. (188) 229)

Immunoradiometric assay
BIAcore technology; Monoclonal antibody; Prorenin (Cohen, P. (184) 91)

Immunostaining
Cholesterol; ELISA; Chromatography, thin layer; Antibody; Anti-cholesterol (Aniagolu, J. (182) 85)

Immunotherapy
Retrovirus; Gene therapy; Melanoma; IL-4; Tumor vaccine (Krauss, J.C. (183) 239)

(Lowe, J. (184) 113)

Endotoxin; Lipopolysaccharide; Endotoxemia; Sepsis; Antibody (Poxton, I.R. (186) 1)

Immunotoxin
Ricin A chain; Diphtheria toxin A chain; (Antibody) (Dhanabal, M. (182) 165)

Influenza
Cyclophosphamide tolerization; Monoclonal antibody; Affinity; Diagnostics; Fluoroimmunoassay (Varečková, E. (180) 107)

Nasal lymphocyte; Mucosal immunity (Asanuma, H. (187) 41)

Influenza virus
Peptide conjugation; Glycosidic coupling; Immunoglobulin (Brumeanu, T.-D. (183) 185)

Inositol phospholipid
Signal transduction; CD3; CD28; α-Toxin; Phosphatidylinositol hydrolysis (Berney, S.M. (186) 71)

In situ detection
Cytokine; Immunohistochemistry; In situ hybridization; (Human) (Hoefakker, S. (185) 149)

In situ hybridization
T cell cytokine; Th1 cell; Th2 cell; Th0 cell (Karr, L.J. (182) 93)

Cytokine; In situ detection; Immunohistochemistry; (Human) (Hoefakker, S. (185) 149)

Insulin
Monoclonal antibody; Real time biospecific interaction analysis; BIAcore (Allauzen, S. (183) 27)

Insulin-dependent diabetes mellitus
Autoantibody; Radioimmunoassay; Glutamic acid decarboxylase; In vitro translation; Proinsulin converting enzyme-2 (Falorni, A. (186) 89)

Integrin
Platelet; Fibrinogen receptor; ELISA (Gao, J. (181) 55)

Flow cytometry; CD11b; Neutrophil; Monocyte (Repo, H. (185) 65)

Interference
B9 assay; Lipopolysaccharide; IL-6 (Pedersen, M.R. (180) 159)

Interferon
Cytokine; Bioassay; Reporter gene (Lewis, J.A. (185) 9)

Intermediate range
Diagnostic test; ELISA; Receiver operating characteristic; Two-graph receiver operating characteristic; Cut-off function; Efficiency; Likelihood ratio; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Intestinal lymphocyte
Intraepithelial lymphocyte; Lamina propria lymphocyte; Epithelial cell; Macrophage; Plasma cell; B lymphocyte; T lymphocyte (Ebert, E.C. (178) 219)

Intracellular antigen
HIV-1 Rev; HIV-1 Tat; Flow cytometry; Cell fixation and permeabilization (Rigg, R.J. (188) 187)

Intracellular bacterium
Fluorochrome labeling; Fluorescence microscopy; Flow cytometry (Drevets, D.A. (187) 69)

Intracellular immunofluorescence
Flow cytometry; Cytokine; Monensin; T cell; Th_1 cell; Th_2 cell; IL-5 (Prussin, C. (188) 117)

Intraepithelial lymphocyte
Lamina propria lymphocyte; Epithelial cell; Intestinal lymphocyte; Macrophage; Plasma cell; B lymphocyte; T lymphocyte (Ebert, E.C. (178) 219)

Intrafamily fragment analysis
T cell receptor; β chain CDR3 (Liu, D. (187) 139)

Intrasplenic immunization
Spleen graft; (Mouse) (Cardillo, F. (188) 43)

Inverse confidence interval
Calibration; Computer software; Confidence interval; ELISA; Logistic regression; Radioimmunoassay; Statistical analysis (Robison-Cox, J.F. (186) 79)

In vitro
Growth factor; Tissue culture; Cytokine (Olivas, E. (182) 73)

T cell; Primary response; Naive; Proliferation (Young, J.L. (182) 177)

Medium; Proliferation; Variability; Quality control (Hügin, A.W. (186) 151)

In vitro culture method
Monoclonal antibody production; Minifermenter (Falkenberg, F.W. (179) 13)

In vitro fertilization
Enzyme immunoassay; Steroid; Monoclonal antibody; Biotinylation (Mares, A. (183) 211)

In vitro immunization
Haemophilus influenzae type b; Capsular polysaccharide; Polyribosylribitolphosphate; Monoclonal antibody; Oxidative burst (Bunse, R. (177) 89)

Cytokine; IL-10; Monoclonal antibody, neutralizing (Guzman, J. (179) 265)

In vitro primary immunization
African horse sickness virus; Antigen presentation; Cytokine; Virology (Halabi, G. (186) 205)

In vitro transcription
T cell receptor; β Chain; In vitro translation; Isoelectric focusing; Repertoire analysis; (Human) (Bouffard, P. (187) 9)

In vitro translation
Autoantibody; Radioimmunoassay; Insulin-dependent diabetes mellitus; Glutamic acid decarboxylase; Proinsulin converting enzyme-2 (Falorni, A. (186) 89)

T cell receptor; β Chain; In vitro transcription; Isoelectric focusing; Repertoire analysis; (Human) (Bouffard, P. (187) 9)

Ion-sensitive field effect transistor
Polymerase chain reaction; ELISA; IL-1β (Tsuruta, H. (180) 259)

ELISA; Urease (Tsuruta, H. (183) 221)

IOT4a
Real time biospecific interaction analysis; Antigen-antibody interaction; CD4; gp120; Thermodynamic parameter (Velge-Roussel, F. (183) 141)

Islet infiltrating cell
FACS analysis; Diabetes (Faveeuw, C. (187) 163)

Isoelectric focusing
Human leukocyte antigen quantitation; Enzyme immunoassay; Immunoblot (Shieh, D.C. (184) 169)

T cell receptor; β Chain; In vitro translation; In vitro transcription; Repertoire analysis; (Human) (Bouffard, P. (187) 9)

Isolation and purification
Monoclonal antibody; Secretion; Biosynthesis; Flow cytometry; Microdrop (Gray, F. (182) 155)

Isolation method
Greater omentum; Milky spot; Macrophage; Flow cytometry; Cytotoxicity assay; Tumoricidal (Krist, L.F.G. (184) 253)

Isopycnic density centrifugation
Cell separation; Antibody-coated bead; Dynabead; Dense polystyrene bead; Density perturbation; OptiPrep (Patel, D. (184) 71)

J

Junctional diversity
T cell heterogeneity; T cell receptor; Nucleic acid gel electrophoresis; Heteroduplex DNA molecule (Offermans, M.T.C. (181) 101)

K

Keratinocyte
Cell-cell adhesion; Lymphocyte; Fluorimetric microtitration assay; Calcein AM (Braut-Boucher, F. (178) 41)

Kinetic analysis
Low molecular weight analyte; Biosensor (Karlsson, R. (183) 43)

Kinetic determination
Resonant mirror biosensor; Biosensor; Saporin; Toxin; Affinity; Bispecific antibody (George, A.J.T. (183) 51)

Kinetics
Cytotoxicity; Cytotoxic T lymphocyte; Natural killer cell; Flow cytometry (Karawajew, L. (177) 119)

Kinetic selection
Biosensor; Phage display; Recombinant antibody; Antibody library (Malmborg, A.-C. (183) 7)

Kininogen
Cysteine proteinase; Cystatin; Immunoassay; *Trypanosoma cruzi*; *Leishmania* (Scharfstein, J. (182) 63)

Ki-67 protein
ELISA; Cell proliferation; MIB 1 (Key, G. (177) 113)

Ki-*ras*
Pro-p21; Monoclonal antibody; Post-translational modification (Ishihara, H. (185) 217)

L

α-Lactalbumin, ovine
Chicken egg yolk; Immunoglobulin extraction; Caprylic acid; Immunization (McLaren, R.D. (177) 175)

Lactate dehydrogennse
Class I MHC; H-2; Peptide binding; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Lamina propria lymphocyte
Intraepithelial lymphocyte; Epithelial cell; Intestinal lymphocyte; Macrophage; Plasma cell; B lymphocyte; T lymphocyte (Ebert, E.C. (178) 219)

Laminin
Fibronectin; Melanoma; HUVEC; Endothelial; Cell adhesion assay (Goodwin, A.E. (187) 213)

Langmuir binding
ELISA, sequential; Microwell capacity; Protein adsorption (Wilkins Stevens, P. (178) 59)

Lanthanide
Antibody engineering; Europium chelate; Immunoliposome; Lipid-tagged antibody; Time-resolved fluorometry (Laukkanen, M.-L. (185) 95)

LDL receptor
B lymphocytic cell line; T lymphocytic cell line; Flow cytometry (Yen, C.F. (177) 55)

Leishmania
Cysteine proteinase; Cystatin; Kininogen; Immunoassay; *Trypanosoma cruzi* (Scharfstein, J. (182) 63)

Leprosy
Mucosal immunity; IgA; *Mycobacterium leprae* (Ramaprasad, P. (188) 239)

Leucine zipper
Surface plasmon resonance; IL-2 receptor; Cytokine receptor; Coiled coil (Wu, Z. (183) 127)

Leukemia cell
Polymerase chain reaction; Ligation-mediated polymerase chain reaction; Restriction enzyme analysis; T cell receptor (Matsutani, T. (177) 9)

Leukemia, mast cell
Mast cell; IgE; Receptor, IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Leukocyte
Brain; Blood vessel; Adherence; Blood-brain barrier (Vora, A.J. (180) 165)

L-Selectin; CD11b; Adhesion molecule; Adherence; Preparative method (Macey, M.G. (181) 211)

Leukocyte adhesion
Endothelial cell; ELISA; Anti-inflammatory agent (Krakauer, T. (177) 207)

Leukocyte integrin
Neutrophil; Selectin; Sialyl Lewis^x; CD44 (Youssef, P.P. (186) 217)

LFA-1
T cell; Liver injury; *Propionibacterium acnes*; Lipopolysaccharide (Tanaka, Y. (182) 21)

Library
Bluetongue virus; Epitope mapping; Phage surface display; DNase I digestion; Random expression (Wang, L.-F. (178) 1)

Ligation-mediated polymerase chain reaction
Polymerase chain reaction; Leukemia cell; Restriction enzyme analysis; T cell receptor (Matsutani, T. (177) 9)

Likelihood ratio
Diagnostic test; ELISA; Receiver operating characteristic; Two-graph receiver operating characteristic; Intermediate range; Cut-off function; Efficiency; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Limiting dilution
Monoclonal antibody; Hybridoma; Cloning (Wewetzer, K. (179) 71)

Lipid-tagged antibody
Antibody engineering; Europium chelate; Immunoliposome; Lanthanide; Time-resolved fluorometry (Laukkanen, M.-L. (185) 95)

Lipooligosaccharide
Endotoxin, detection of; *Haemophilus ducreyi*; Chancroid (Hansen, E.J. (185) 225)

Lipopolysaccharide
B9 assay; Interference; IL-6 (Pedersen, M.R. (180) 159)

T cell; Liver injury; LFA-1; *Propionibacterium acnes* (Tanaka, Y. (182) 21)

Endotoxin; Immunotherapy; Endotoxemia; Sepsis; Antibody (Poxton, I.R. (186) 1)

Lipopolysaccharide blast
Chloramphenicol acetyltransferase assay; Transient transfection (McMahon, S.B. (179) 251)

Liposome
Fluorescence; Macrophage; Phagocytosis; Phagocytosis assay (Perry, D.G. (181) 269)

Cholera toxin; Thioether bond; Mucosal immunization; Peyer's patch; M cell (Harokopakis, E. (185) 31)

Listeria monocytogenes
Tamm-Horsfall protein; Human glycoprotein; Urine; Macrophages (Fontan, E. (187) 81)

Liver cytosol antibody type 1
Liver/kidney microsomal antibody type 1; Hepatitis C virus; Autoimmune hepatitis; Unclassified hepatitis (Muratori, L. (187) 259)

Liver injury
T cell; LFA-1; *Propionibacterium acnes*; Lipopolysaccharide (Tanaka, Y. (182) 21)

Liver/kidney microsomal antibody type 1
Liver cytosol antibody type 1; Hepatitis C virus; Autoimmune hepatitis; Unclassified hepatitis (Muratori, L. (187) 259)

Local lymph node assay
Proliferating cell nuclear antigen; Phenotype; Flow cytometry (Kühn, U. (179) 215)

Locus control region
Vector; Cassette; T cell; CD2; Transgenic mouse (Zhumabekov, T. (185) 133)

Logistic model
Immunoassay; Cross-reactivity (Jones, G. (177) 1)

Logistic regression
Calibration; Computer software; Confidence interval; ELISA; Inverse confidence interval; Radioimmunoassay; Statistical analysis (Robison-Cox, J.F. (186) 79)

Low molecular weight analyte
Kinetic analysis; Biosensor (Karlsson, R. (183) 43)

Lymphocyte
Cell-cell adhesion; Keratinocyte; Fluorimetric microtitration assay; Calcein AM (Braut-Boucher, F. (178) 41)

Flow cytometry; Primate; CD antigen (Wilson, A.D. (178) 195)

Flow cytometry; Cytotoxicity; Conjugation; Calcium (Brooks, B. (178) 229)

Apoptosis; DNA nick detection; Flow cytometry (Zhang, L. (181) 17)

Lymphocyte antigen
Three-color flow cytometry; Quantum simply cellular; Antibody binding capacity; Blood donor (Lenkei, R. (183) 267)

Lymphocyte immunophenotyping
Technology assessment; CD4 T lymphocyte; Absolute CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

Lymphocyte proliferation optimization
Corticosteroid; Phytohemagglutinin; Concanavalin A; Whole blood lymphocyte; Cell culture methodology (Fasanmade, A.A. (184) 163)

Lymphocyte subset
Flow cytometry; Escapee (Prince, H.E. (177) 165)

Flow cytometry; Erythrocyte lysis; Density gradient separation; Monoclonal antibody; (Rat) (Pelegrí, C. (187) 265)

Lymphokine-activated killer
Natural killer cell; Cell-mediated lympholysis; Cytotoxicity; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Lymphokine-activated killer cell
Natural killer cell; IL-2; Transfection and cytokine (Nouri, A.M.E. (180) 63)

4-Methylumbelliferyl heptanoate; Fluorimetric assay; Cell-mediated cytotoxicity; Tumor cell line (Virág, L. (185) 199)

Lymphotoxin
Bioassay; Tumor necrosis factor; Apoptosis; DNA fragmentation (Higuchi, M. (178) 173)

M

M13
Fv, disulfide-stabilized; Anti-Tac(Fv) (Brinkmann, U. (182) 41)

Macromolecular interaction
ELISA; Radioimmunoassay; Equilibrium association constant; Dissociation constant; Complex formation rate constant (Fuchs, H. (188) 197)

Macrophage
Intraepithelial lymphocyte; Lamina propria lymphocyte; Epithelial cell; Intestinal lymphocyte; Plasma cell; B lymphocyte; T lymphocyte (Ebert, E.C. (178) 219)

Fluorescence; Liposome; Phagocytosis; Phagocytosis assay (Perry, D.G. (181) 269)

Greater omentum; Milky spot; Isolation method; Flow cytometry; Cytotoxicity assay; Tumoricidal (Krist, L.F.G. (184) 253)

Tamm-Horsfall protein; Human glycoprotein; Urine; *Listeria monocytogenes* (Fontan, E. (187) 81)

Antigenic modulation; Monoclonal antibody; Drug targeting; (Human) (Audran, R. (188) 147)

Macrophage colony stimulating factor
Colony stimulating factor-1; Standardization (Mire-Sluis, A.R. (179) 141)

MAGE-4 protein
Anti-MAGE-4 antibody; ELISA; Human tumor; Specific immunotherapy (Shichijo, S. (186) 137)

Magnetic cell sorting
Current counterflow centrifugation (Willheim, M. (182) 115)

Natural killer cell; Flow cytometry (Ellison, C.A. (186) 233)

MRK16 $F(ab')_2$; P-glycoprotein; Multidrug resistance; Flow cytometry (Okochi, E. (187) 127)

Major histocompatibility complex
Natural killer cell; Alloreactivity, natural killer cell; IL-2; Peritoneal exudate cell; Diffusion chamber (Løvik, G. (179) 59)

Surface plasmon resonance; Monoclonal antibody (Khilko, S.N. (183) 77)

Major histocompatibility complex class I
HLA; Major histocompatibility complex class II; T cell; Neural network (computer) (Adams, H.-P. (185) 181)

Glycopeptide; Binding (Abdel-Motal, U.M. (188) 21)

Major histocompatibility complex class II
HLA; Major histocompatibility complex class I; T cell; Neural network (computer) (Adams, H.-P. (185) 181)

Major histocompatibility complex class II molecule
Antigen presenting cell; T cell clone; Mutant (Koarada, S. (182) 209)

Malachite green phosphate assay
Protein tyrosine phosphatase assay; CD45 (Ng, D.H.W. (179) 177)

Malaria
$CD8^+$ T cell; ELISPOT; IFN-γ; Synthetic peptide; Recombinant vaccinia virus (Miyahira, Y. (181) 45)

Antibody affinity; Enzyme immunoassay; Thiocyanate; *Plasmodium falciparum* (Ferreira, M.U. (187) 297)

Mammalian expression vector
Complement C5a; Monoclonal antibody (Ames, R.S. (184) 177)

Mass transport limited binding
Recombinant; Fragment; sFv; Fab; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; (Antibody) (Abraham, R. (183) 119)

Mast cell
Leukemia, mast cell; IgE; Receptor, IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Basophil; Cell separation; Flow cytometry (Willheim, M. (182) 115)

Matrix metalloproteinase
Tissue inhibitor of metalloproteinases-2; Enzyme immunoassay; Monoclonal antibody (Fujimoto, N. (187) 33)

M cell
Cholera toxin; Liposome; Thioether bond; Mucosal immunization; Peyer's patch (Harokopakis, E. (185) 31)

Measles virus
CD46; Hemagglutinin; Quantification; Antigen presenting cell; Mouse T cell hybridoma; Virology (Trescol-Biémont, M.-C. (187) 253)

Measurement
Mouse milk; Secretory IgA; Secretory component; Purification (Parr, E.L. (180) 147)

Medium
Proliferation; Variability; In vitro; Quality control (Hügin, A.W (186) 151)

Medulloblastoma
Metastatic cell; Muscular regeneration; Neural cell adhesion molecule; Polysialic acid (Dubois, C. (181) 125)

Melanoma
Retrovirus; Gene therapy; Immunotherapy; IL-4; Tumor vaccine (Krauss, J.C. (183) 239)

Fibronectin; Laminin; HUVEC; Endothelial; Cell adhesion assay (Goodwin, A.E. (187) 213)

Membrane
Basophil; IgE; IgG (Dreskin, S.C. (179) 87)

Metal carbonyl tracer
Non-isotopic immunoassay; Therapeutic drug monitoring; Carbamazepine; Fourier transform infrared spectroscopy (Varenne, A. (186) 195)

Metal chelate
BIAcore; Histidine; Nickel; Transition metal complex (Gershon, P.D. (183) 65)

Metalloporphyrin-antibody conjugate
IgG; Pd(II) coproporphyrin I *N*-hydroxysuccinimide ester; Antibody modification; Anti-human ferritin antibody (Martsev, S.P. (186) 293)

Metastatic cell
Medulloblastoma; Muscular regeneration; Neural cell adhesion molecule; Polysialic acid (Dubois, C. (181) 125)

Metatope
Biosensor technology; Tobacco mosaic virus; Virology; Epitope; Neotope (Saunal, H. (183) 33)

Metatype
Angiotensin II; Immune complex; Tolerization (Towbin, H. (181) 167)

Methemoglobin
L-Arginine; Oxyhemoglobin; Nitric oxide; Human polymorphonuclear neutrophil leukocyte (Lärfars, G. (184) 53)

4-Methylumbelliferyl heptanoate
Fluorimetric assay; Cell-mediated cytotoxicity; Lymphokine-activated killer cell; Tumor cell line (Virág, L. (185) 199)

MIB 1
ELISA; Cell proliferation; Ki-67 protein (Key, G. (177) 113)

Microbiological assay
Folic acid; Direct enzyme immunoassay; Folic acid-free serum (Das Sarma, J. (184) 7)

Microculture tetrazolium assay
XTT; MTS; MTT (Goodwin, C.J. (179) 95)

Microdrop
Monoclonal antibody; Isolation and purification; Secretion; Biosynthesis; Flow cytometry (Gray, F. (182) 155)

Microelectrofusion
Quadroma; Hybrid-hybridoma; Bispecific antibody (Cao, Y. (187) 1)

Microtiter plate
ELISA; Peptide; Hydrophilic surface; Immobilization; Dextran; Surface modification; Covalent (Gregorius, K. (181) 65)

Microvesicle
Monoclonal anticardiolipin antibody; Fetal calf serum (Menon, S. (186) 65)

Microwell capacity
ELISA, sequential; Langmuir binding; Protein adsorption (Wilkins Stevens, P. (178) 59)

Milky spot
Greater omentum; Macrophage; Isolation method; Flow cytometry; Cytotoxicity assay; Tumoricidal (Krist, L.F.G. (184) 253)

Mimotope
Synthetic peptide library; High affinity binding peptide; Herpes simplex virus (De Koster, H.S. (187) 179)

Minifermenter
Monoclonal antibody production; In vitro culture method (Falkenberg, F.W. (179) 13)

Mite, *Dermatophagoides farinae*
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Mitochondrial membrane potential
Non-radioactive labeling; Atomic absorption spectroscopy; Cytotoxicity assay; Natural killer cell; Chromium cell toxicity (Borella, P. (186) 101)

Mitogen proliferation
Whole blood lymphocyte source; Asymptomatic HIV; Phenotype correlation (Bocchieri, M.H. (181) 233)

Mixed lymphocyte response
T suppressor cell; T suppressor inducer factor; T suppressor effector factor; T cell receptor (Malley, A. (178) 31)

Modeling
Average molecular weight; Antigen-antibody complex (Shiau, L.-D. (178) 267)

Monensin
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Monoclonal antibody
Phospholipase A_2; Bee venom; Epitope mapping (Myatt, E.A. (177) 35)

Affinity; Bluetongue virus; ELISA; Quantitative (White, J.R. (177) 79)

Haemophilus influenzae type b; Capsular polysaccharide; Polyribosylribitolphosphate; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Tumor necrosis factor; Tumor necrosis factor receptor; Immunoassay; Biosensor; Bioassay (Corti, A. (177) 191)

Radioimmunoassay; Ethynylestradiol; Assay sensitivity (Agasan, A.L. (177) 251)

Mycoplasma gallisepticum; Vero cell; Radioimmunoprecipitation (Silim, A. (178) 53)

Human heart fatty acid binding protein; ELISA; Myocardial infarction (Ohkaru, Y. (178) 99)

Hybridoma; Cloning; Limiting dilution (Wewetzer, K. (179) 71)

Immunoenzymetric assay; Asthma; Secretory IgA (Stokes Peebles, Jr., R. (179) 77)

ELISA, affinity capture phage; Filamentous phage M13; Fusion protein; Phage display (Bhardwaj, D. (179) 165)

Cytotoxicity test; Antibody-dependent cellular cytotoxicity (Flieger, D. (180) 1)

Two-site immunoassay, sandwich type; Heterophilic antibody; Chimeric antibody, human/mouse; Carcinoembryonic antigen (Kuroki, M. (180) 81)

Parvovirus B19 (Kerr, J.R. (180) 101)

Influenza; Cyclophosphamide tolerization; Affinity; Diagnostics; Fluoroimmunoassay (Varečková, E. (180) 107)

Bowman-Birk protease inhibitor; Bowman-Birk protease inhibitor reduction; Chemoprevention (Wan, X.S. (180) 117)

Botulinum neurotoxin type A; Therapeutic use; ELISA; $F(ab')_2$-HRP conjugate (Ekong, T.A.N. (180) 181)

IgM; Trehalose; Freeze-drying (Dráber, P. (181) 37)

Neonatal tolerance; Selective antibody response; Dendritic cell (Yamaguchi, Y. (181) 115)

Isolation and purification; Secretion; Biosynthesis; Flow cytometry; Microdrop (Gray, F. (182) 155)

Epitope; 5′-Nuclease domain; DNA polymerase domain; Surface plasmon resonance (Daiss, J.L. (183) 15)

Insulin; Real time biospecific interaction analysis; BIAcore (Allauzen, S. (183) 27)

Major histocompatibility complex; Surface plasmon resonance (Khilko, S.N. (183) 77)

Heart fatty acid-binding protein; (Human) (Roos, W. (183) 149)

Antiidiotypic antibody; Biospecific interaction analysis; Surface plasmon resonance; Placental alkaline phosphatase; Oncofetal antigen (Ullén, A. (183) 155)

Myoglobin; Immunoassay; Colloidal gold; Biosensor; BIAcore; Real time biospecific interaction analysis (Johne, B. (183) 167)

IgE; Anti-IgE hybridoma; Specificity of anti-IgE (Haba, S. (183) 199)

Enzyme immunoassay; Steroid; In vitro fertilization; Biotinylation (Mares, A. (183) 211)

Gene targeting; IgD; Affinity; Tolerance (Roes, J. (183) 231)

BIAcore technology; Prorenin; Immunoradiometric assay (Cohen, P. (184) 91)

Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Cryptococcus neoformans; Capsule; Polysaccharide; AIDS (Mukherjee, J. (184) 139)

Complement C5a; Mammalian expression vector (Ames, R.S. (184) 177)

Functional affinity; Affinity constant; Solid-phase affinity; Human chorionic gonadotropin; ELISA (Loomans, E.E.M.G. (184) 207)

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Smooth muscle myosin heavy chain; Aortic dissection; ELISA, sandwich (Katoh, H. (185) 57)

Electrophoresis; Acid hydrolysis; Heavy chain (Davagnino, J. (185) 177)

Polyamine; ELISA; Covalent coupling; Glutaraldehyde; Carbodiimide (Delcros, J.-G. (185) 191)

Pro-p21; Ki-*ras*; Post-translational modification (Ishihara, H. (185) 217)

Chromatography, affinity; ELISA; Recombinant protein; Thioredoxin; Immunoblot analysis (Dickason, R.R. (185) 237)

Ouabain; Cytochalasin B; Heterohybridoma; (Human) (Yoshinari, K. (186) 17)

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Carcinoembryonic antigen; COS screening system (Grimm, T. (186) 305)

T cell receptor, human; Vβ23; Vβ1; HUT78 (Romagné, F. (186) 313)

Tissue inhibitor of metalloproteinases-2; Matrix metalloproteinase; Enzyme immunoassay (Fujimoto, N. (187) 33)

Lymphocyte subset; Flow cytometry; Erythrocyte lysis; Density gradient separation; (Rat) (Pelegrí, C. (187) 265)

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Monoclonal antibody, murine
IgE, human; Purification; Chromatography, ion exchange; Chromatography, affinity (Kleine-Tebbe, J. (179) 153)

Monoclonal antibody, neutralizing
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Monoclonal antibody production
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Minifermenter; In vitro culture method (Falkenberg, F.W. (179) 13)

Monoclonal anticardiolipin antibody
Fetal calf serum; Microvesicle (Menon, S. (186) 65)

Monocyte
CD11b/CD18; CD62L; Cell preparation; Flow cytometry (Lundahl, J. (180) 93)

Flow cytometry; CD11b; Neutrophil; Integrin (Repo, H. (185) 65)

Cytokine; ELISA; Standardization; Synovial fluid; Plasma (Ledur, A. (186) 171)

Granuloma; Collagen gel; HLA-DR; Complement activation (Franklin, G.F. (186) 285)

Monodisperse particle
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Flow cytometry; Immunofluorometric assay; Multianalyte assay (Frengen, J. (178) 141)

Monopalmitic lipopeptide
Cytotoxic T cell; Spacer amino acid (Verheul, A.F.M. (182) 219)

Mouse milk
Secretory IgA; Secretory component; Purification; Measurement (Parr, E.L. (180) 147)

Mouse T cell hybridoma
Measles virus; CD46; Hemagglutinin; Quantification; Antigen presenting cell; Virology (Trescol-Biémont, M.-C. (187) 253)

MRK16 F(ab')$_2$
P-glycoprotein; Multidrug resistance; Magnetic cell sorting; Flow cytometry (Okochi, E. (187) 127)

MTS
XTT; MTT; Microculture tetrazolium assay (Goodwin, C.J. (179) 95)

MTT; Tetrazolium; Cytokine assay; Colorimetric assay; Sensitivity (Gieni, R.S. (187) 85)

MTT
XTT; MTS; Microculture tetrazolium assay (Goodwin, C.J. (179) 95)

HL60; Proliferation; Differentiation; Assay; Myeloid leukemia; Respiratory burst (Trayner, I.D. (186) 275)

MTS; Tetrazolium; Cytokine assay; Colorimetric assay; Sensitivity (Gieni, R.S. (187) 85)

Mucin
Baculovirus recombinant; Single-chain antibody; Glycosylation; Tumor-associated glycoprotein-72 (Bei, R. (186) 245)

Mucosal immunity
Nasal lymphocyte; Influenza (Asanuma, H. (187) 41)

Leprosy; IgA; *Mycobacterium leprae* (Ramaprasad, P. (188) 239)

Mucosal immunization
Cholera toxin; Liposome; Thioether bond; Peyer's patch; M cell (Harokopakis, E. (185) 31)

Multianalyte assay
Flow cytometry; Immunofluorometric assay; Monodisperse particle (Frengen, J. (178) 141)

Multidrug resistance
MRK16 F(ab')$_2$; P-glycoprotein; Magnetic cell sorting; Flow cytometry (Okochi, E. (187) 127)

Multiparameter flow cytometry
CD45; Bone marrow; Biopsy; Gating (Festin, R. (177) 215)

Multiple antigen peptide
ELISA; Antiribosomal antibody; P protein (Caponi, L. (179) 193)

Fmoc chemistry; Peptide synthesis (Ahlborg, N. (179) 269)

Multiple labelling
β-Diketone; Time-resolved fluoroimmunoassay (Ci, Y.-X. (179) 233)

Muscular regeneration
Medulloblastoma; Metastatic cell; Neural cell adhesion molecule; Polysialic acid (Dubois, C. (181) 125)

Mutant
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Mycobacterium leprae
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Mycoplasma gallisepticum
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Myeloid cell
CD34; Signalling competent; Umbilical cord blood; Cell sorting (Roberts, G.M. (179) 187)

Myeloid leukemia
HL60; Proliferation; Differentiation; Assay; MTT; Respiratory burst (Trayner, I.D. (186) 275)

Myeloma
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Myeloperoxidase
Anti-neutrophil cytoplasmic antibody; Granulocyte-specific antinuclear antibody; Immunofluorescence; ELISA; Spot blot (Bang la Cour, B. (187) 287)

Myocardial infarction
Human heart fatty acid binding protein; Monoclonal antibody; ELISA (Ohkaru, Y. (178) 99)

Myoglobin
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NADP
Amplification; Immunoassay; Tuberculosis; ELISA (Vera-Cabrera, L. (177) 69)

Naive
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Nasal lymphocyte
Influenza; Mucosal immunity (Asanuma, H. (187) 41)

Natural antibody
Polyvinylidene difluoride membrane; Solid support; ELISPOT assay; Antibody secreting cell; Autoantibody (Schielen, P. (188) 33)

Natural killer activity
Flow cytometry; 3,3′-dioctadecyloxacarbocyanine perchlorate; D275; Glycosaminoglycans (Johann, S. (185) 209)

Natural killer cell
Lymphokine-activated killer; Cell-mediated lympholysis; Cytotoxicity; Fluorescence; Flow cytometry (Papadopoulos, N.G. (177) 101)

Cytotoxicity; Kinetics; Cytotoxic T lymphocyte; Flow cytometry (Karawajew, L. (177) 119)

Alloreactivity, natural killer cell; IL-2; Peritoneal exudate cell; Major histocompatibility complex; Diffusion chamber (Løvik, G. (179) 59)

IL-2; Lymphokine-activated killer cell; Transfection and cytokine (Nouri, A.M.E. (180) 63)

Non-radioactive labeling; Atomic absorption spectroscopy; Cytotoxicity assay; Chromium cell toxicity; Mitochondrial membrane potential (Borella, P. (186) 101)

Magnetic cell sorting; Flow cytometry (Ellison, C.A. (186) 233)

Neomycin
Stable transfection; Electroporation; T helper cell (Will, A. (188) 139)

Neonatal tolerance
Monoclonal antibody; Selective antibody response; Dendritic cell (Yamaguchi, Y. (181) 115)

Neotope
Biosensor technology; Tobacco mosaic virus; Virology; Epitope; Metatope (Saunal, H. (183) 33)

Nested set of protein fragments
Receptor associated protein; Epitope mapping; Immunoblotting; Proteinase K (Ellgaard, L. (180) 53)

Neural cell adhesion molecule
Medulloblastoma; Metastatic cell; Muscular regeneration; Polysialic acid (Dubois, C. (181) 125)

Neural network (computer)
HLA; Major histocompatibility complex class I; Major histocompatibility complex class II; T cell (Adams, H.-P. (185) 181)

Neutrophil
Random motility; Chemotaxis; Fibrin gel; IL-8 (Moghe, P.V. (180) 193)

Exocytosis; Secretory vesicle; Sorcin; Grancalcin (Lollike, K. (185) 1)

Flow cytometry; CD11b; Monocyte; Integrin (Repo, H. (185) 65)

Leukocyte integrin; Selectin; Sialyl Lewis^x; CD44 (Youssef, P.P. (186) 217)

Carboxyfluorescein diacetate; Flow cytometry; Eosinophil; Adhesion (Davenpeck, K.L. (188) 79)

Nickel
BIAcore; Histidine; Metal chelate; Transition metal complex (Gershon, P.D. (183) 65)

Nitric oxide
L-Arginine; Oxyhemoglobin; Methemoglobin; Human polymorphonuclear neutrophil leukocyte (Lärfars, G. (184) 53)

Nitrocellulose
Particle; Bead; Immunization; Immunoprecipitation (Steinitz, M. (187) 171)

NK-K562 effector-target system
Binding isotherm; NK-MOLT4 effector-target system; Data-fitting technique (Garcia-Peñarrubia, P. (182) 235)

NK-MOLT4 effector-target system
Binding isotherm; NK-K562 effector-target system; Data-fitting technique (Garcia-Peñarrubia, P. (182) 235)

Non-competitive immunoassay
Serum estradiol; Anti-idiotypic antibody; Colorimetry (Mares, A. (181) 83)

Non-isotopic immunoassay
Therapeutic drug monitoring; Carbamazepine; Metal carbonyl tracer; Fourier transform infrared spectroscopy (Varenne, A. (186) 195)

Non-radioactive labeling
Atomic absorption spectroscopy; Cytotoxicity assay; Natural killer cell; Chromium cell toxicity; Mitochondrial membrane potential (Borella, P. (186) 101)

N-terminal osteocalcin
Sandwich immunoassay; Synthetic peptide (Eguchi, H. (184) 231)

5′-Nuclease domain
Monoclonal antibody; Epitope; DNA polymerase domain; Surface plasmon resonance (Daiss, J.L. (183) 15)

Nucleic acid gel electrophoresis
T cell heterogeneity; T cell receptor; Junctional diversity; Heteroduplex DNA molecule (Offermans, M.T.C. (181) 101)

Nycodenz
Dendritic cell; Cellular activation; CMRF-44 (McLellan, A.D. (184) 81)

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Oligomeric form
Tumor necrosis factor; ELISA; IL-8; Quaternary structure; Monoclonal antibody (Petyovka, N. (186) 161)

Oligomeric gp160
HIV-1 vaccine; HIV-1 envelope glycoprotein; gp120/gp160; BIAcore; HIV-1 immune response (VanCott, T.C. (183) 103)

Oncofetal antigen
Monoclonal antibody; Antiidiotypic antibody; Biospecific interaction analysis; Surface plasmon resonance; Placental alkaline phosphatase (Ullén, A. (183) 155)

Optimization
ELISA; Fractional factorial design (Reiken, S.R. (177) 199)

OptiPrep
Cell separation; Antibody-coated bead; Dynabead; Dense polystyrene bead; Density perturbation; Isopycnic density centrifugation (Patel, D. (184) 71)

Organ culture
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Human lymphoid tissue; Activation; Ig synthesis (Hoffmann, P. (179) 37)

Ouabain
Monoclonal antibody; Cytochalasin B; Heterohybridoma; (Human) (Yoshinari, K. (186) 17)

OX-62
Dendritic cell; Bone marrow; GM-CSF; (Rat) (Chen-Woan, M. (178) 157)

Oxidative burst
Haemophilus influenzae type b; Capsular polysaccharide; Polyribosylribitolphosphate; Monoclonal antibody; In vitro immunization (Bunse, R. (177) 89)

Oxyhemoglobin
L-Arginine; Methemoglobin; Nitric oxide; Human polymorphonuclear neutrophil leukocyte (Lärfars, G. (184) 53)

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Pancreatic cancer
Annexin II; Radioimmunoassay; Bronchoalveolar lavage fluid; Cell extract (Davis, R.G. (188) 91)

P24 antigen
Virology; Synthetic peptide; Tryptic fragment; Enzyme immunoassay (Jean, F. (185) 103)

Paraformaldehyde
Flow cytometry; Apoptosis; Cell cycle; Propidium iodide (Douglas, R.S. (188) 219)

Parental B cell line
Hybridoma, human; Blasticidin S; Cell fusion (Kudo, T. (177) 17)

Particle
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Parvovirus B19
Monoclonal antibody (Kerr, J.R. (180) 101)

Patch clamp
Thymic nurse cell; Acute isolation; Cryopreservation; Animal conservation; (Adult rat) (Downing, J.E.G. (187) 103)

PCR primer
Recombinant antibody; Monoclonal antibody, human (Welschof, M. (179) 203)

Pd(II) coproporphyrin I *N*-hydroxysuccinimide ester
IgG; Metalloporphyrin-antibody conjugate; Antibody modification; Anti-human ferritin antibody (Martsev, S.P. (186) 293)

Peptide
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ELISA; Hydrophilic surface; Immobilization; Dextran; Surface modification; Covalent; Microtiter plate (Gregorius, K. (181) 65)

ELISA; Functionalized polystyrene; Covalence (Niveleau, A. (182) 227)

Peptide binding
Lactate dehydrogenase; Class I MHC; H-2; Surface antigen; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Peptide conjugation
Conjugation; Protein activation; Carrier (Houen, G. (181) 187)

Glycosidic coupling; Immunoglobulin; Influenza virus (Brumeanu, T.-D. (183) 185)

Peptide synthesis
Fmoc chemistry; Multiple antigen peptide (Ahlborg, N. (179) 269)

Percoll
Blood eosinophil; Formyl-methionyl-leucyl-phenylalanine; Immunomagnetic bead; CD16; Platelet-activating factor; Priming (Blom, M. (178) 183)

Peripheral blood
Epithelial cell; Cancer cell separation; Enrichment factor (Griwatz, C. (183) 251)

Peritoneal exudate cell
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Pertussis
ELISA; Reproducibility; Serology; Standardization; Unit calculation (Reizenstein, E. (183) 279)

Peyer's patch
Cholera toxin; Liposome; Thioether bond; Mucosal immunization; M cell (Harokopakis, E. (185) 31)

P-glycoprotein
MRK16 $F(ab')_2$; Multidrug resistance; Magnetic cell sorting; Flow cytometry (Okochi, E. (187) 127)

Phage derived single chain Fv
Chromatography, metal chelate; Tumor targeting (Casey, J.L. (179) 105)

Phage display
ELISA, affinity capture phage; Filamentous phage M13; Fusion protein; Monoclonal antibody (Bhardwaj, D. (179) 165)

Rhesus D; Agglutination; Recombinant antibody; Erythrocyte (Dziegiel, M. (182) 7)

Biosensor; Kinetic selection; Recombinant antibody; Antibody library (Malmborg, A.-C. (183) 7)

Recombinant; Fragment; sFv; Fab; Diabody; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Biomolecular interaction analysis; DNA binding protein; Combinatorial libraries; Surface plasmon resonance; Zinc finger (Yang, W.-P. (183) 175)

Immunoglobulin; Antibody; (Chicken) (Davies, E.L. (186) 125)

Phage surface display
Bluetongue virus; Epitope mapping; Library; DNase I digestion; Random expression (Wang, L.-F. (178) 1)

Phagocyte
Chronic granulomatous disease; Reactive oxygen species (Vowells, S.J. (178) 89)

Phagocytosis
Defensin; Granule (Liu, L. (181) 253)

Fluorescence; Liposome; Macrophage; Phagocytosis assay (Perry, D.G. (181) 269)

Phagocytosis assay
Fluorescence; Liposome; Macrophage; Phagocytosis (Perry, D.G. (181) 269)

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Phenotype correlation
Whole blood lymphocyte source; Mitogen proliferation; Asymptomatic HIV (Bocchieri, M.H. (181) 233)

Phosphatidylinositol hydrolysis
Signal transduction; CD3; CD28; Inositol phospholipid; α-Toxin (Berney, S.M. (186) 71)

Phosphatidylserine
Apoptosis; Annexin-V; Flow cytometry (Vermes, I. (184) 39)

Antiphospholipid antibody; Cardiolipin; ELISA; Flow cytometry (Obringer, A.R. (185) 81)

Phospholipase A_2
Bee venom; Monoclonal antibody; Epitope mapping (Myatt, E.A. (177) 35)

Phytohemagglutinin
Lymphocyte proliferation optimization; Corticosteroid; Concanavalin A; Whole blood lymphocyte; Cell culture methodology (Fasanmade, A.A. (184) 163)

Placental alkaline phosphatase
Monoclonal antibody; Antiidiotypic antibody; Biospecific interaction analysis; Surface plasmon resonance; Oncofetal antigen (Ullén, A. (183) 155)

Plasma
Cytokine; ELISA; Standardization; Synovial fluid; Monocyte (Ledur, A. (186) 171)

Plasma cell
Intraepithelial lymphocyte; Lamina propria lymphocyte; Epithelial cell; Intestinal lymphocyte; Macrophage; B lymphocyte; T lymphocyte (Ebert, E.C. (178) 219)

Plasma membrane vesicle
Glycophorin; Chinese hamster ovary cell (Donnell, M.E. (187) 111)

Plasmodium falciparum
Immunofluorescence, indirect; Erythrocyte surface antigen; Fluorescence flow cytometry (Jouin, H. (179) 1)

Saimiri; Brain endothelial cell; Cytoadherence (Gay, F. (184) 15)

Antibody affinity; Enzyme immunoassay; Thiocyanate; Malaria (Ferreira, M.U. (187) 297)

Platelet
Integrin; Fibrinogen receptor; ELISA (Gao, J. (181) 55)

Platelet-activating factor
Blood eosinophil; Formyl-methionyl-leucyl-phenylalanine; Percoll; Immunomagnetic bead; CD16; Priming (Blom, M. (178) 183)

Radioreceptor assay; Recombinant human platelet-activating factor receptor (Aoki, Y. (186) 225)

Platelet alloantibody
Post-transfusion purpura; Glycoprotein IIb; Glycoprotein IIIa; ELISA (Reiner, A.P. (184) 153)

Platelet glycoprotein
Immune thrombocytopenia; Anti-platelet antibody; Biotin-avidin immobilization (Cordiano, I. (178) 121)

Polyamine
Monoclonal antibody; ELISA; Covalent coupling; Glutaraldehyde; Carbodiimide (Delcros, J.-G. (185) 191)

Polyclonal antibody
Type VIII collagen; Type X collagen; Synthetic peptide; Enzyme immunoassay; Descemet membrane (Korsching, E. (188) 51)

Polymerase chain reaction
Leukemia cell; Ligation-mediated polymerase chain reaction; Restriction enzyme analysis; T cell receptor (Matsutani, T. (177) 9)

Cytokine, rat; Gene expression; Competitor control fragment Siegling, A. (177) 23)

Dot-blot micromethod; Sequence-specific oligonucleotide; HLA oligotyping (García-Pacheco, J.M. (180) 35)

Genetic analysis; HLA; DNA (Fowke, K.R. (180) 45)

Ion-sensitive field effect transistor; ELISA; IL-1β (Tsuruta, H. (180) 259)

IgG subclass, mouse; Quantitation (Ono, M. (184) 63)

Immunoglobulin heavy chain repertoire (Delassus, S. (184) 219)

Quantitative polymerase chain reaction; Cytokine; Enzyme immunoassay; Digoxigenin; T cell (Hockett Jr., R.D. (187) 273)

Polymerase chain reaction, inverse
Reverse transcription; Circularization; δ T cell receptor (Chowers, Y. (179) 261)

Polymerase chain reaction, one-side
Universal cloning; Antibody gene; Biotinylated C region primer (Heinrichs, A. (178) 241)

Polyribosylribitolphosphate
Haemophilus influenzae type b; Capsular polysaccharide; Monoclonal antibody; In vitro immunization; Oxidative burst (Bunse, R. (177) 89)

Polysaccharide
Monoclonal antibody; *Cryptococcus neoformans*; Capsule; AIDS (Mukherjee, J. (184) 139)

Polysialic acid
Medulloblastoma; Metastatic cell; Muscular regeneration; Neural cell adhesion molecule (Dubois, C. (181) 125)

Polyvinylidene difluoride membrane
Solid support; ELISPOT assay; Antibody secreting cell; Natural antibody; Autoantibody (Schielen, P. (188) 33)

Post-transfusion purpura
Glycoprotein IIb; Glycoprotein IIIa; ELISA; Platelet alloantibody (Reiner, A.P. (184) 153)

Post-translational modification
Pro-p21; Ki-*ras*; Monoclonal antibody (Ishihara, H. (185) 217)

Potato virus X
Reverse passive hemagglutination; Avidin-biotin; Fixation method; IgY-type antibody, chicken; Virology (Großmann, A. (179) 243)

P protein
ELISA; Multiple antigen peptide; Antiribosomal antibody (Caponi, L. (179) 193)

Preparative method
L-Selectin; CD11b; Adhesion molecule; Leukocyte; Adherence (Macey, M.G. (181) 211)

Primary immune response
Collagen; Auto-reactive antibody; Secondary immune response; Relative affinity (Karlsson, R. (188) 63)

Primary response
T cell; In vitro; Naive; Proliferation (Young, J.L. (182) 177)

Primate
Flow cytometry; CD antigen; Lymphocyte (Wilson, A.D. (178) 195)

Priming
Blood eosinophil; Formyl-methionyl-leucyl-phenylalanine; Percoll; Immunomagnetic bead; CD16; Platelet-activating factor (Blom, M. (178) 183)

Pristane
ELISA, antigen capture; Anti-Su antibody; Anti-nRNP antibody; Antinuclear antibody (Satoh, M. (182) 51)

Progress curve analysis
Enzyme immunoinhibition; Alkaline phosphatase; Glycosyl-phosphatidylinositol-anchored alkaline phosphatase; Antibody-antigen interaction; Rate constant determination (Cumme, G.A. (182) 29)

Proinsulin converting enzyme-2
Autoantibody; Radioimmunoassay; Insulin-dependent diabetes mellitus; Glutamic acid decarboxylase; In vitro translation (Falorni, A. (186) 89)

Proliferating cell nuclear antigen
Phenotype; Flow cytometry; Local lymph node assay (Kühn, U. (179) 215)

Proliferation
T cell; Primary response; In vitro; Naive (Young, J.L. (182) 177)

Medium; Variability; In vitro; Quality control (Hügin, A.W. (186) 151)

HL60; Differentiation; Assay; Myeloid leukemia; MTT; Respiratory burst (Trayner, I.D. (186) 275)

Pro-p21
Ki-*ras*; Monoclonal antibody; Post-translational modification (Ishihara, H. (185) 217)

Propidium iodide
Flow cytometry; Apoptosis; Cell cycle; Paraformaldehyde (Douglas, R.S. (188) 219)

Propionibacterium acnes
T cell; Liver injury; LFA-1; Lipopolysaccharide (Tanaka, Y. (182) 21)

Prorenin
BIAcore technology; Monoclonal antibody; Immunoradiometric assay (Cohen, P. (184) 91)

Protease
IgG, mouse; Fragmentation; Digestion; Subclass; Hinge region (Yamaguchi, Y. (181) 259)

Protease cleavage
CD40; gp39; Fusion protein (Hollenbaugh, D. (188) 1)

Protein A
Chromatography, affinity; IgG; Immunoglobulin binding (Bottomley, S.P. (182) 185)

Protein activation
Conjugation; Peptide conjugation; Carrier (Houen, G. (181) 187)

Protein adsorption
ELISA, sequential; Langmuir binding; Microwell capacity (Wilkins Stevens, P. (178) 59)

Proteinase 3
Anti-neutrophil cytoplasmic antibody; Chromatography, reverse-phase high performance liquid; ELISA; Vasculitis (Gaskin, G. (180) 25)

Proteinase K
Receptor associated protein; Epitope mapping; Immunoblotting; Nested set of protein fragments (Ellgaard, L. (180) 53)

Protein tyrosine phosphatase assay
CD45; Malachite green phosphate assay (Ng, D.H.W. (179) 177)

Purification
$F(ab)_2$ fragment; Fc fragment; Thiophilic adsorption (Yurov, G.K. (177) 29)

IgE, human; Chromatography, ion exchange; Chromatography, affinity; Monoclonal antibody, murine (Kleine-Tebbe, J. (179) 153)

Mouse milk; Secretory IgA; Secretory component; Measurement (Parr, E.L. (180) 147)

ELISA; Transforming growth factor $\beta 3$; IgY, chicken; Umbilical cord; (Serum) (Danielpour, D. (180) 265)

Purification method
Thymic dendritic cell, human (Beaulieu, S. (180) 225)

Human truncated τ protein (Kontsekova, E. (185) 245)

Pyronin Y
Cell kinetics; DNA/RNA quantitation; 7-Amino-actinomycin D; Saponin; Flow cytometry (Toba, K. (182) 193)

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Quadroma
Microelectrofusion; Hybrid-hybridoma; Bispecific antibody (Cao, Y. (187) 1)

Quality control
Medium; Proliferation; Variability; In vitro (Hügin, A.W. (186) 151)

Quantification
Measles virus; CD46; Hemagglutinin; Antigen presenting cell; Mouse T cell hybridoma; Virology (Trescol-Biémont, M.-C. (187) 253)

Quantitation
IgG subclass, mouse; Polymerase chain reaction (Ono, M. (184) 63)

Quantitative
Monoclonal antibody; Affinity; Bluetongue virus; ELISA (White, J.R. (177) 79)

Quantitative polymerase chain reaction
Rat cytokine; Capillary electrophoresis (Connolly, A.R. (187) 201)

Polymerase chain reaction; Cytokine; Enzyme immunoassay; Digoxigenin; T cell (Hockett Jr., R.D. (187) 273)

Quantitative reverse transcriptase polymerase chain reaction
Cytokine; *Trypanosoma cruzi*; Synthetic gene (Benavides, G.R. (181) 145)

Quantum simply cellular
Three-color flow cytometry; Antibody binding capacity; Lymphocyte antigen; Blood donor (Lenkei, R. (183) 267)

Quartz crystal microbalance
Vibrio cholerae O139; Biosensor; Detection (Carter, R.M. (187) 121)

Quaternary structure
Tumor necrosis factor; ELISA; IL-8; Oligomeric form; Monoclonal antibody (Petyovka, N. (186) 161)

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Radioimmunoassay
Ethynylestradiol; Monoclonal antibody; Assay sensitivity (Agasan, A.L. (177) 251)

Calibration; Computer software; Confidence interval; ELISA; Inverse confidence interval; Logistic regression; Statistical analysis (Robison-Cox, J.F. (186) 79)

Autoantibody; Insulin-dependent diabetes mellitus; Glutamic acid decarboxylase; In vitro translation; Proinsulin converting enzyme-2 (Falorni, A. (186) 89)

Annexin II; Bronchoalveolar lavage fluid; Cell extract; Pancreatic cancer (Davis, R.G. (188) 91)

ELISA; Equilibrium association constant; Dissociation constant; Complex formation rate constant; Macromolecular interaction (Fuchs, H. (188) 197)

Radioimmunoprecipitation
Mycoplasma gallisepticum; Vero cell; Monoclonal antibody (Silim, A. (178) 53)

Radiolabeling
Cytokine; Chelate (Litzinger, D.C. (187) 151)

Radioreceptor assay
Platelet-activating factor; Recombinant human platelet-activating factor receptor (Aoki, Y. (186) 225)

Ragweed
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Random expression
Bluetongue virus; Epitope mapping; Library; Phage surface display; DNase I digestion (Wang, L.-F. (178) 1)

Random motility
Neutrophil; Chemotaxis; Fibrin gel; IL-8 (Moghe, P.V. (180) 193)

Rat cytokine
Quantitative polymerase chain reaction; Capillary electrophoresis (Connolly, A.R. (187) 201)

Rate constant determination
Enzyme immunoinhibition; Alkaline phosphatase; Glycosyl-phosphatidylinositol-anchored alkaline phosphatase; Antibody-antigen interaction; Progress curve analysis (Cumme, G.A. (182) 29)

Ratio plot
Conglutinin; Immune complex; Difference plot; Rheumatoid arthritis; Systemic lupus erythematosus (Svendsen, A. (178) 211)

Rat mast cell
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; D_2O; Allergy (Lowe, J. (184) 113)

RBL 48
Monoclonal antibody; Recombinant humanized anti-human IgE; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Reactive oxygen species
Chronic granulomatous disease; Phagocyte (Vowells, S.J. (178) 89)

Real time biospecific interaction analysis
Monoclonal antibody; Insulin; BIAcore (Allauzen, S. (183) 27)

Antigen-antibody interaction; CD4; gp120; IOT4a; Thermodynamic parameter (Velge-Roussel, F. (183) 141)

Monoclonal antibody; Myoglobin; Immunoassay; Colloidal gold; Biosensor; BIAcore (Johne, B. (183) 167)

Receiver operating characteristic
Diagnostic test; ELISA; Two-graph receiver operating characteristic; Intermediate range; Cut-off function; Efficiency; Likelihood ratio; *Borrelia burgdorferi*; (Dog) (Greiner, M. (185) 123)

Receptor
Biotin; Growth factor; IL-2; Flow cytometry (De Jong, M.O. (184) 101)

Receptor associated protein
Epitope mapping; Immunoblotting; Nested set of protein fragments; Proteinase K (Ellgaard, L. (180) 53)

Receptor, IgE
Mast cell; Leukemia, mast cell; IgE; Fluorometry; Fluorescent antibody technique; (Rat) (Chen, X.-J. (177) 139)

Receptor mediated endocytosis
Gene therapy; T lymphocyte CD5 receptor (Merwin, J.R. (186) 257)

Recognition
Cytokine receptor; Thioredoxin; Fusion protein; Biosensor; Epitope (Ruegg, N. (183) 95)

Recombinant
Fragment; sFv; Fab; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Recombinant antibody
PCR primer; Monoclonal antibody, human (Welschof, M. (179) 203)

Phage display; Rhesus D; Agglutination; Erythrocyte (Dziegiel, M. (182) 7)

Biosensor; Phage display; Kinetic selection; Antibody library (Malmborg, A.-C. (183) 7)

Recombinant cytokine
Tumor necrosis factor; Immunoassay; ELISA; Bioassay (De Kossodo, S. (182) 107)

Recombinant humanized anti-human IgE
Monoclonal antibody; Anti-IgE; FcεRI; Ragweed; House dust; Cat pelt; *Alternaria tenuis*; Mite, *Dermatophagoides farinae*; Histamine; Basophil; RBL 48; Rat mast cell; D_2O; Allergy (Lowe, J. (184) 113)

Recombinant human platelet-activating factor receptor
Platelet-activating factor; Radioreceptor assay (Aoki, Y. (186) 225)

Recombinant peptide
Expression vector; Chimeric peptide; B-T cell cooperation; Subunit vaccine (De Smet, K.A.L. (177) 243)

Recombinant protein
ELISA; Glutathione *S*-transferase; Fusion protein; Immunoassay (Cartwright, G.A. (179) 31)

Chromatography, affinity; ELISA; Monoclonal antibody; Thioredoxin; Immunoblot analysis (Dickason, R.R. (185) 237)

Recombinant tracer
Alkaline phosphatase; Immunoassay; Colorimetric antibody; Anti-HBsAg detection (Carrier, A. (181) 177)

Recombinant vaccinia virus
$CD8^+$ T cell; ELISPOT; IFN-γ; Synthetic peptide; Malaria (Miyahira, Y. (181) 45)

Reconstitution
Glycosyl phosphatidylinositol anchor; CD16; Endocytosis (Nagarajan, S. (184) 241)

Red blood cell
Monoclonal antibody; SCID mouse; Animal model; Hemoprotozoan parasite (Nakamura, Y. (188) 247)

Relative affinity
Collagen; Auto-reactive antibody; Primary immune response; Secondary immune response (Karlsson, R. (188) 63)

Repertoire analysis
T cell receptor; β Chain; In vitro translation; In vitro transcription; Isoelectric focusing; (Human) (Bouffard, P. (187) 9)

Reporter gene
Interferon; Cytokine; Bioassay (Lewis, J.A. (185) 9)

Reproducibility
ELISA; Pertussis; Serology; Standardization; Unit calculation (Reizenstein, E. (183) 279)

Resonant mirror biosensor
Kinetic determination; Biosensor; Saporin; Toxin; Affinity; Bispecific antibody (George, A.J.T. (183) 51)

Respiratory burst
HL60; Proliferation; Differentiation; Assay; Myeloid leukemia; MTT (Trayner, I.D. (186) 275)

Restriction enzyme analysis
Polymerase chain reaction; Leukemia cell; Ligation-mediated polymerase chain reaction; T cell receptor (Matsutani, T. (177) 9)

Retrovirus
Gene therapy; Immunotherapy; Melanoma; IL-4; Tumor vaccine (Krauss, J.C. (183) 239)

Reverse passive hemagglutination
Potato virus X; Avidin-biotin; Fixation method; IgY-type antibody, chicken; Virology (Großmann, A. (179) 243)

Reverse transcription
Polymerase chain reaction, inverse; Circularization; δ T cell receptor (Chowers, Y. (179) 261)

Rhesus D
Phage display; Agglutination; Recombinant antibody; Erythrocyte (Dziegiel, M. (182) 7)

Rheumatoid arthritis
Conglutinin; Immune complex; Difference plot; Ratio plot; Systemic lupus erythematosus (Svendsen, A. (178) 211)

Ricin A chain
Immunotoxin; Diphtheria toxin A chain; (Antibody) (Dhanabal, M. (182) 165)

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Saimiri
Plasmodium falciparum; Brain endothelial cell; Cytoadherence (Gay, F. (184) 15)

Sandwich immunoassay
N-terminal osteocalcin; Synthetic peptide (Eguchi, H. (184) 231)

Saponin
Cell kinetics; DNA/RNA quantitation; 7-Amino-actinomycin D; Pyronin Y; Flow cytometry (Toba, K. (182) 193)

Saporin
Kinetic determination; Resonant mirror biosensor; Biosensor; Toxin; Affinity; Bispecific antibody (George, A.J.T. (183) 51)

Scanning tunneling microscopy
Antibody denaturation; Dynamic contact angle; Immunoassay (Davies, J. (186) 111)

SCID-hu mouse
HIV1 peptide; Immunization (Chargui, J. (181) 91)

SCID mouse
Monoclonal antibody; Red blood cell; Animal model; Hemoprotozoan parasite (Nakamura, Y. (188) 247)

Screening
Combinatorial library; Selectide; Peptide; Substrate; (Color) (Lam, K.S. (180) 219)

Recombinant; Fragment; sFv; Fab; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Surface plasmon resonance; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

Secondary immune response
Collagen; Auto-reactive antibody; Primary immune response; Relative affinity (Karlsson, R. (188) 63)

Secretion
Monoclonal antibody; Isolation and purification; Biosynthesis; Flow cytometry; Microdrop (Gray, F. (182) 155)

Secretory component
Mouse milk; Secretory IgA; Purification; Measurement (Parr, E.L. (180) 147)

Secretory IgA
Immunoenzymetric assay; Monoclonal antibody; Asthma (Stokes Peebles, Jr., R. (179) 77)

Mouse milk; Secretory component; Purification; Measurement (Parr, E.L. (180) 147)

Secretory vesicle
Exocytosis; Neutrophil; Sorcin; Grancalcin (Lollike, K. (185) 1)

Selectide
Combinatorial library; Peptide; Screening; Substrate; (Color) (Lam, K.S. (180) 219)

Selectin
Neutrophil; Leukocyte integrin; Sialyl Lewis^x; CD44 (Youssef, P.P. (186) 217)

L-Selectin
CD11b; Adhesion molecule; Leukocyte; Adherence; Preparative method (Macey, M.G. (181) 211)

Selective antibody response
Monoclonal antibody; Neonatal tolerance; Dendritic cell (Yamaguchi, Y. (181) 115)

Semen
ABO blood typing; Immunoprecipitation; Anti-p 84 antibody (Sato, I. (188) 229)

Sensitivity
MTS; MTT; Tetrazolium; Cytokine assay; Colorimetric assay (Gieni, R.S. (187) 85)

Sepsis
C3a; Complement activation (Stöve, S. (182) 1)

Endotoxin; Lipopolysaccharide; Immunotherapy; Endotoxemia; Antibody (Poxton, I.R. (186) 1)

Sequence-specific oligonucleotide
Dot-blot micromethod; Polymerase chain reaction; HLA oligotyping (García-Pacheco, J.M. (180) 35)

Serology
ELISA; Pertussis; Reproducibility; Standardization; Unit calculation (Reizenstein, E. (183) 279)

Serum amyloid A protein
Amyloidosis; Acute-phase reaction; High density lipoprotein; Apolipoprotein (Malle, E. (182) 131)

Serum estradiol
Non-competitive immunoassay; Anti-idiotypic antibody; Colorimetry (Mares, A. (181) 83)

Sialyl Lewis^x
Neutrophil; Leukocyte integrin; Selectin; CD44 (Youssef, P.P. (186) 217)

Signalling competent
Myeloid cell; CD34; Umbilical cord blood; Cell sorting (Roberts, G.M. (179) 187)

Signal transduction
CD3; CD28; Inositol phospholipid; α-Toxin; Phosphatidylinositol hydrolysis (Berney, S.M. (186) 71)

Single chain antibody
Baculovirus recombinant; Glycosylation; Tumor-associated glycoprotein-72; Mucin (Bei, R. (186) 245)

Single chain Fv antibody
Bacterial immunoglobulin-binding protein; V_L domain (Åkerström, B. (177) 151)

Expression in *Escherichia coli*; Chromatography, immobilized metal affinity; Streptavidin; Immunoconjugate; Biotin; Bifunctional antibody (Dübel, S. (178) 201)

Single site subcloning
Directional cloning; T4 DNA polymerase; Exonuclease recession (Yang, Y.-S. (181) 137)

Size
IgA; Subclass; ELISA (De Fijter, J.W. (187) 221)

Smooth muscle myosin heavy chain
Aortic dissection; Monoclonal antibody; ELISA, sandwich (Katoh, H. (185) 57)

Solid-phase affinity
Functional affinity; Affinity constant; Human chorionic gonadotropin; ELISA; Monoclonal antibody (Loomans, E.E.M.G. (184) 207)

Solid-phase synthesis
Bifunctional antibody; Immobilized pepsin; Bismaleimide; Antibody fragment (DeSilva, B.S. (188) 9)

Solid support
Polyvinylidene difluoride membrane; ELISPOT assay; Antibody secreting cell; Natural antibody; Autoantibody (Schielen, P. (188) 33)

Soluble IL-2 receptor
Enzyme immunoassay; (Rat) (Pockley, A.G. (182) 81)

Soluble T cell receptor
ELISA, T cell receptor; Immuno-PCR, T cell receptor (Sperl, J. (186) 181)

Sorcin
Exocytosis; Neutrophil; Secretory vesicle; Grancalcin (Lollike, K. (185) 1)

Spacer amino acid
Monopalmitic lipopeptide; Cytotoxic T cell (Verheul, A.F.M. (182) 219)

Specific immunotherapy
Anti-MAGE-4 antibody; ELISA; MAGE-4 protein; Human tumor (Shichijo, S. (186) 137)

Specificity of anti-IgE
IgE; Monoclonal antibody; Anti-IgE hybridoma (Haba, S. (183) 199)

Specimen age
Flow cytometry; Granulocyte; Chronic granulomatous disease; Anticoagulant (Prince, H.E. (188) 129)

Spleen graft
Intrasplenic immunization; (Mouse) (Cardillo, F. (188) 43)

Spot blot
Anti-neutrophil cytoplasmic antibody; Granulocyte-specific antinuclear antibody; Myeloperoxidase; Immunofluorescence; ELISA (Bang la Cour, B. (187) 287)

Stabilization
Cross-linking; Adsorption; (Antibody) (Ron, E. (180) 237)

Stable transfection
Electroporation; T helper cell; Neomycin (Will, A. (188) 139)

Standardization
Granulocyte colony stimulating factor (Mire-Sluis, A.R. (179) 117)

Granulocyte-macrophage colony stimulating factor (Mire-Sluis, A.R. (179) 127)

Macrophage colony stimulating factor; Colony stimulating factor-1 (Mire-Sluis, A.R. (179) 141)

ELISA; Pertussis; Reproducibility; Serology; Unit calculation (Reizenstein, E. (183) 279)

Cytokine; Immunoassay (Mire-Sluis, A.R. (186) 157)

Cytokine; ELISA; Synovial fluid; Plasma; Monocyte (Ledur, A. (186) 171)

Statistical analysis
Calibration; Computer software; Confidence interval; ELISA; Inverse confidence interval; Logistic regression; Radioimmunoassay (Robison-Cox, J.F. (186) 79)

Steroid
Enzyme immunoassay; Monoclonal antibody; In vitro fertilization; Biotinylation (Mares, A. (183) 211)

Streptavidin
Single chain Fv antibody; Expression in *Escherichia coli*; Chromatography, immobilized metal affinity; Immunoconjugate; Biotin; Bifunctional antibody (Dübel, S. (178) 201)

Streptococcus agalactiae
Streptococcus suis; Capsular polysaccharide; Gel electrophoresis; Immunoblot analysis; Cross-reactivity (Tikkanen, K. (187) 233)

Streptococcus suis
Streptococcus agalactiae; Capsular polysaccharide; Gel electrophoresis; Immunoblot analysis; Cross-reactivity (Tikkanen, K. (187) 233)

Subclass
IgG, mouse; Protease; Fragmentation; Digestion; Hinge region (Yamaguchi, Y. (181) 259)

IgA; Size; ELISA (De Fijter, J.W. (187) 221)

Substrate
Combinatorial library; Selectide; Peptide; Screening; (Color) (Lam, K.S. (180) 219)

Subunit vaccine
Recombinant peptide; Expression vector; Chimeric peptide; B-T cell cooperation (De Smet, K.A.L. (177) 243)

Suppressor T cell
T cell receptor α chain; Calmodulin; Fusion protein (Ishii, Y. (186) 27)

Surface antigen
Lactate dehydrogenase; Class I MHC; H-2; Peptide binding; Enzyme immunoassay; Cell panning (Sigal, L.J. (177) 261)

Surface modification
ELISA; Peptide; Hydrophilic surface; Immobilization; Dextran; Covalent; Microtiter plate (Gregorius, K. (181) 65)

Surface plasmon resonance
Monoclonal antibody; Epitope; 5′-Nuclease domain; DNA polymerase domain (Daiss, J.L. (183) 15)

Major histocompatibility complex; Monoclonal antibody (Khilko, S.N. (183) 77)

Recombinant; Fragment; sFv; Fab; Diabody; Phage display; Carcinoembryonic antigen; BIAcore; Screening; Mass transport limited binding; (Antibody) (Abraham, R. (183) 119)

IL-2 receptor; Cytokine receptor; Coiled coil; Leucine zipper (Wu, Z. (183) 127)

Monoclonal antibody; Antiidiotypic antibody; Biospecific interaction analysis; Placental alkaline phosphatase; Oncofetal antigen (Ullén, A. (183) 155)

Biomolecular interaction analysis; DNA binding protein; Phage display; Combinatorial libraries; Zinc finger (Yang, W.-P. (183) 175)

Synovial fluid
Cytokine; ELISA; Standardization; Plasma; Monocyte (Ledur, A. (186) 171)

Synthetic gene
Quantitative reverse transcriptase polymerase chain reaction; Cytokine; *Trypanosoma cruzi* (Benavides, G.R. (181) 145)

Synthetic peptide
$CD8^+$ T cell; ELISPOT; IFN-γ; Recombinant vaccinia virus; Malaria (Miyahira, Y. (181) 45)

Sandwich immunoassay; N-terminal osteocalcin (Eguchi, H. (184) 231)

Virology; Tryptic fragment; P24 antigen; Enzyme immunoassay (Jean, F. (185) 103)

Type VIII collagen; Type X collagen; Polyclonal antibody; Enzyme immunoassay; Descemet membrane (Korsching, E. (188) 51)

Synthetic peptide library
High affinity binding peptide; Herpes simplex virus; Mimotope (De Koster, H.S. (187) 179)

Systemic lupus erythematosus
Anti-DNA autoantibody; Gel shift assay; Equilibrium dissociation constant (Stevens, S.Y. (177) 185)

Conglutinin; Immune complex; Difference plot; Ratio plot; Rheumatoid arthritis (Svendsen, A. (178) 211)

Immune complexes; Determination of antigens; Avidin; DNA; Dot blotting (Nezlin, R. (184) 273)

ELISA; Brain-reactive autoantibody (Ochola, J. (185) 259)

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Tac
Humanized anti-Tac; Tac receptor; IL-2; ELISA; Graft-versus-host disease (Fayer, B.E. (186) 47)

Tac receptor
Humanized anti-Tac; Tac; IL-2; ELISA; Graft-versus-host disease (Fayer, B.E. (186) 47)

Tamm-Horsfall protein
Human glycoprotein; Urine; *Listeria monocytogenes*; Macrophages (Fontan, E. (187) 81)

T cell
Liver injury; LFA-1; *Propionibacterium acnes*; Lipopolysaccharide (Tanaka, Y. (182) 21)

Primary response; In vitro; Naive; Proliferation (Young, J.L. (182) 177)

Chemokine; Chemotaxis; Extracellular matrix (Taub, D.D. (184) 187)

Vector; Cassette; Locus control region; CD2; Transgenic mouse (Zhumabekov, T. (185) 133)

HLA; Major histocompatibility complex class I; Major histocompatibility complex class II; Neural network (computer) (Adams, H.-P. (185) 181)

Polymerase chain reaction; Quantitative polymerase chain reaction; Cytokine; Enzyme immunoassay; Digoxigenin (Hockett Jr., R.D. (187) 273)

Flow cytometry; Cytokine; Monensin; Intracellular immunofluorescence; Th_1 cell; Th_2 cell; IL-5 (Prussin, C. (188) 117)

T cell clone
Antigen presenting cell; Mutant; Major histocompatibility complex class II molecule (Koarada, S. (182) 209)

B-T cell cooperation
Recombinant peptide; Expression vector; Chimeric peptide; Subunit vaccine (De Smet, K.A.L. (177) 243)

T cell cytokine
In situ hybridization; Th1 cell; Th2 cell; Th0 cell (Karr, L.J. (182) 93)

T cell development
Fetal thymus; Organ culture (DeLuca, D. (178) 13)

T cell heterogeneity
T cell receptor; Junctional diversity; Nucleic acid gel electrophoresis; Heteroduplex DNA molecule (Offermans, M.T.C. (181) 101)

T cell receptor
Polymerase chain reaction; Leukemia cell; Ligation-mediated polymerase chain reaction; Restriction enzyme analysis (Matsutani, T. (177) 9)

T suppressor cell; T suppressor inducer factor; T suppressor effector factor; Mixed lymphocyte response (Malley, A. (178) 31)

Transgenic mouse; Cassette vector (Kouskoff, V. (180) 273)

T cell heterogeneity; Junctional diversity; Nucleic acid gel electrophoresis; Heteroduplex DNA molecule (Offermans, M.T.C. (181) 101)

β Chain; In vitro translation; In vitro transcription; Isoelectric focusing; Repertoire analysis; (Human) (Bouffard, P. (187) 9)

β chain CDR3; Intrafamily fragment analysis (Liu, D. (187) 139)

δ T cell receptor
Reverse transcription; Polymerase chain reaction, inverse; Circularization (Chowers, Y. (179) 261)

T cell receptor α chain
Suppressor T cell; Calmodulin; Fusion protein (Ishii, Y. (186) 27)

T cell receptor, human
Monoclonal antibody; Vβ23; Vβ1; HUT78 (Romagné, F. (186) 313)

T cell subset
Flow cytometry; Tyrosine phosphorylation; CD3 stimulation; HIV infection (Vuillier, F. (185) 43)

T4 DNA polymerase
Directional cloning; Exonuclease recession; Single site subcloning (Yang, Y.-S. (181) 137)

Technology assessment
Lymphocyte immunophenotyping; CD4 T lymphocyte; Absolute CD4 T lymphocyte; HIV disease (Nicholson, J.K.A. (177) 43)

Terminal deoxynucleotidyl transferase
Acute lymphoblastic leukemia (Harriman, W. (181) 221)

Terminal transferase
Apoptosis; Flow cytometry (Dolzhanskiy, A. (180) 131)

Tetrazolium
MTS; MTT; Cytokine assay; Colorimetric assay; Sensitivity (Gieni, R.S. (187) 85)

Th0 cell
In situ hybridization; T cell cytokine; Th1 cell; Th2 cell (Karr, L.J. (182) 93)

Th1 cell
In situ hybridization; T cell cytokine; Th2 cell; Th0 cell (Karr, L.J. (182) 93)

Flow cytometry; Cytokine; Monensin; Intracellular immunofluorescence; T cell; Th2 cell; IL-5 (Prussin, C. (188) 117)

Th2 cell
In situ hybridization; T cell cytokine; Th1 cell; Th0 cell (Karr, L.J. (182) 93)

Flow cytometry; Cytokine; Monensin; Intracellular immunofluorescence; T cell; Th1 cell; IL-5 (Prussin, C. (188) 117)

T helper cell
Stable transfection; Electroporation; Neomycin (Will, A. (188) 139)

Therapeutic drug monitoring
Non-isotopic immunoassay; Carbamazepine; Metal carbonyl tracer; Fourier transform infrared spectroscopy (Varenne, A. (186) 195)

Therapeutic use
Botulinum neurotoxin type A; ELISA; Monoclonal antibody; $F(ab')_2$-HRP conjugate (Ekong, T.A.N. (180) 181)

Thermodynamic parameter
Real time biospecific interaction analysis; Antigen-antibody interaction; CD4; gp120; IOT4a (Velge-Roussel, F. (183) 141)

Thiocyanate
Antibody affinity; Enzyme immunoassay; Malaria; *Plasmodium falciparum* (Ferreira, M.U. (187) 297)

Thioether bond
Cholera toxin; Liposome; Mucosal immunization; Peyer's patch; M cell (Harokopakis, E. (185) 31)

Thiophilic adsorption
Purification; $F(ab)_2$ fragment; Fc fragment (Yurov, G.K. (177) 29)

Thioredoxin
Cytokine receptor; Fusion protein; Biosensor; Recognition; Epitope (Ruegg, N. (183) 95)

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